

E-Catalogue

20
22

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Exclusive Distributor 

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more than light

PHILOSOPHY

1

UPHOLD FAIRNESS

2

DEDICATE TO QUALITY



3

HONEST AND PUNCTUAL

4

WORK TOGETHER AS A TEAM

VISION

To be the leading total lighting solution provider in ASEAN.

MISSION

01

DIVERSE PRODUCTS

Offer diverse and complete range of lighting products to meet every sector's requirement.

02

WELL-COVERED NETWORK

Establish well-covered marketing networks accessible to various group of customers.

03

FULLY INTEGRATED SERVICES

Provide fully integrated services for customers' advantage.

04

HIGH STANDARD MANUFACTURING

Establish high standard facilities with modern and efficient manufacturing process to respond to the market requirement.

05

MODERN INNOVATION

Establish Lighting Innovation Center to proactively innovate and develop new products to meet market requirement and establish a world class testing laboratory to facilitate new products development and innovation.

TIMELINE



more than light



1993

Started with 25 million Baht registered capital and acquired the business from Yong Enterprise Ltd. Part., a company marketing fluorescent luminaire to electrical contractors. Expanded the business to cover government agencies and has become agents for many world-class Lighting manufacturers.

1999

Strengthen the company competitiveness by acquiring T.S. Trunking Co. Ltd. (name has now been changed to L&E Manufacturing Co. Ltd.) which manufactures whole range of fluorescent lighting luminaires and trunking products. Started to expand to export market to benefit from the weak Baht at that time.



1994-1998

Expanded business by offering diverse range of lighting products. Provided lighting design and recommended proper use of lighting products to provide better value to customers. Expanded marketing network to cover project and wholesale activities.



2000-2003

Expanded business to cover modern trade market and included extensive range of decorative lighting products for residential. Established the Lighting Application Center for demonstration to customers how lighting products can be effectively applied for various applications. Developed and improved MIS and logistics system so that the company can provide faster and better services to customers.



2004

Increased registered capital to 137.50 million Baht, became a public company and listed in the Stock Exchange of Thailand

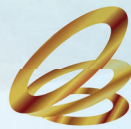


2005

Expanded manufacturing facilities to enable the company to manufacture whole range of indoor and outdoor lighting luminaires. Established representative office in Vietnam.

MAJOR MILESTONE

Lighting & Equipment Public Company Limited operates a fully integrated business in lighting products, from research and product development, has its own IEC/ISO 17025 accredited laboratory and ISO 9001 accredited manufacturing factories as well as distributes the products to all customer groups in domestic and abroad. In addition, the company provides various services for maximum benefit to customers, i.e. recommend proper products including provide lighting designs for each application, as well as offer rental products and rental lighting systems for various events. The company has diverse and complete range of lighting products that can meet the requirement of all customer groups. i.e. residential, office, commercial building, department store, showroom, retail store, museum, manufacturing factory, warehouse, historical structure, public park, stadium, street, airport, advertising box, etc.



THAILAND
BOARD OF
INVESTMENT

2006

Granted 5 years corporate income tax holiday by Board of Investment for the factory expansion and manufacturing modernization of the company to improve productivity and reduce production cost.



2008

Granted Top Corporate Governance Awards, mai from Stock Exchange of Thailand.



2010

Granted IEC/ISO 17025 accreditation for lighting luminaries laboratory and ISO 9001:2008 accreditation for lighting luminaries manufacturing. Granted Top Corporate Governance Awards : mai from Stock Exchange of Thailand

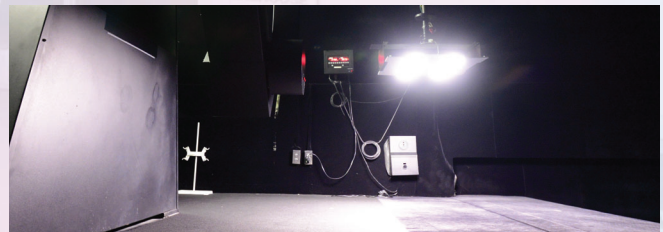
2011

Established L&E Solid State Co. Ltd. to manufacture LED products which is the first Thai factory manufacturing LED lamps for lighting.



2007

Increased registered capital to 305.70 million Baht and established lighting luminaire laboratory for research and develop of lighting products as well as product quality test to ensure that products delivered to customers have good quality and meet standard.



2009

Established Lighting Solution Center, the showroom that completed with diverse range of lighting products for various life-styles, experienced lighting designers to provide recommendation and lighting design to customers including lighting showcases for customers to experience light effect, to expand marketing channel to retail customers.



2012-2013

Constantly develop LED products and launch them into the market and expand business into AEC market.
Create slogan " L&E more than...light " for communication to the market.



more than light

2015

Opened new manufacturing factories and warehouses at Ladloomkaew district, Pathumtani province, total space 80,000 SQM. comprised of : Warehouse and distribution center, total space 16,000 SQM. Assembly factory total space 5,800 SQM. LED lamps, LED components and certain LED luminaires manufacturing. factories under the subsidiary : L&E Solid State Co.,Ltd., total space 8,500 SQM. lighting luminaires and lighting poles manufacturing. factories under the subsidiary : L&E Manufacturing Co.,Ltd., total space 7,600 SQM. Established L&E Myanmar Co.,Ltd. a subsidiary in Yangon, The Republic of the Union of Myanmar.



2014

Penetrated into the consumer market by advertising it's LED lamps for the first time in the television media and other media. Increased registered capital to 494.2 million Baht. Reduced the company's PAR value from 5 Baht to 1 Baht. shift the transaction of the company's share from mai market to SET market. Opened an additional showroom, Lighting Solution Center on Ratchaprerk road.



2016 - 2017

- Established a wholly-own subsidiary, the Lighting & Equipment (Vietnam) Co., Ltd. In Dong Nai, Vietnam with the intention to import lighting product from Head Office for resale in Vietnamese market, and to manufacture lighting products for sale in Vietnamese market as well as for sale to Head Office in Thailand.
- All the 3 manufacturing factories under the company L&E Manufacturing Co., Ltd. (LEM) at Latlumkaeo Pathumthani and L&E Solid State Co., Ltd. (LES) has been assessed and conformed to the environmental system ISO 14001:2015 (TIS 14001-2559)



2018

The Grand Opening ceremony of Lighting & Equipment (Vietnam) Co.,Ltd., 12 December 2018 at Amata Industrial Estate, Dong Nai City, Vietnam.

2019

L&E was certified as Thai Innovation and Invention account by Budget Bureau about 2 products Horticultural LED Lighting and LED T8 - L&E Manufacturing Co.,Ltd. (LEM.) has been assessed and found to be conforming to the requirements of TIS 45001-2561 (ISO 45001-2018)



2020

- Aiming to the market for various innovative lighting products such as IOT products, lighting used in Agriculture and Medical industry, etc.
- Add a business model (Business Model) "Efficient Value Chain Management" to support mass production In order export to large customers abroad.



2021

New Business to the Lighting and Entertainment Technology Provider



TYPE OF LED LUMINAIRE

Product range of LED L&E luminaires are divided into 2 categories.
Each category use different LED light sources.

1. Empty luminaires

It is suitable to use with replacement LED lamps as of easy maintenance and installation,
but not suitable for some application because its shape can not be changed (standard shape).

The most popular LED light sources for Empty luminaires are as follows:

- **LED BULB** is suitable for indoor luminaires and, some kind of landscape luminaires
- **LED MR16** is suitable for small indoor luminaires or some kind of landscape luminaires (need compatibility driver connect between luminaire and LED-MR16)
- **LED Candle** is suitable for chandelier, pendant, wall mount, floor, table luminaires, etc.
- **LED PAR (16/20/30/38)** can be used for both of indoor and outdoor luminaires, but for outdoor applications please make sure that the lamps can be used.
- **LED-T8**, it become more and more popular to replace T5/T8 fluorescent lamps because low power consumption and low cost as well, but same lumen output as fluorescent lamps. This lamp easy to replace with existing conventional recessed or surface office or industrial luminaires, just replace it (no need to use existing ballast).
Anyway, this kind of lamp has different wiring connection. Improper wiring connection may cause problem.

Warning

Please be noted that for the above mentioned lamps, most of them is recommended to use with indoor luminaires except some items identified that can be used for outdoor applications, but do not recommend to use with totally enclosed luminaires (except some luminaire has enough space for adequate heat dissipation)

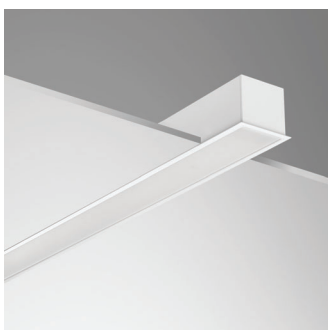


2. Completed set luminaires

Driver and LED light source integrated in the luminaires.

The LED light source for completed set luminaires are divided by 2 categories.

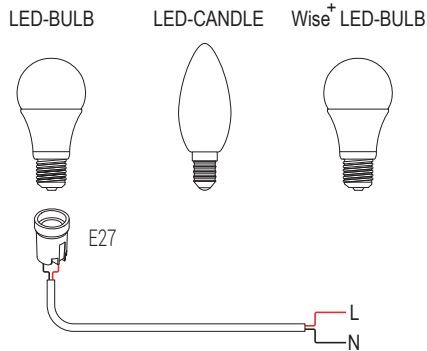
- **LED-Module**, it has various shape such as square, circular, rectangular, etc. Moreover, size and shape can be made according to luminaire's supplier.
Therefore, luminaire's supplier will design their own designed luminaire in various shape to suit all kind of lighting applications.
- **LED-COB**, it is small size light source, but very powerful so that can be used with small luminaire, but provide high lumen output.
For some indoor lighting applications, LED-COB can provide various of light distribution such as very narrow beam, narrow beam, wide beam, etc.



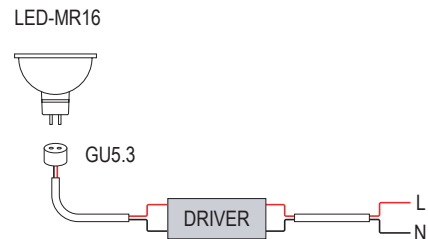
Both of LED-Module and LED-COB can be combined with reflector or lens in order to get different light distribution such as wall washer lighting effect, asymmetrical light distribution, streetlight light distribution, etc.

WIRING Diagram

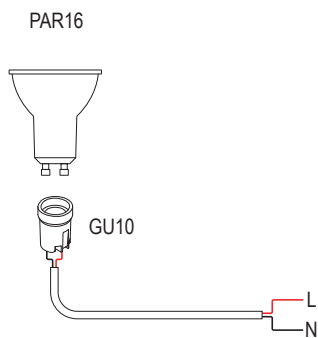
LED-BULB



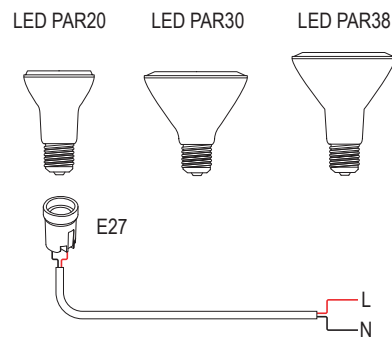
LED-MR16



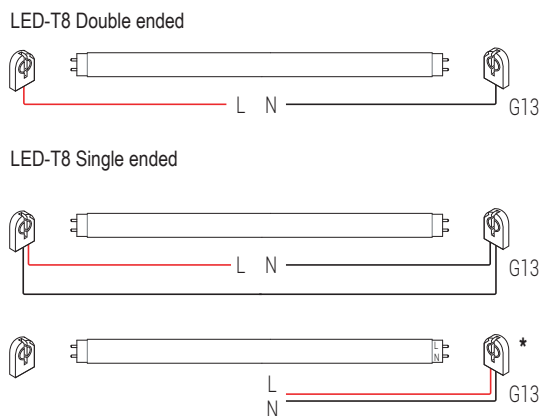
LED PAR16



LED PAR20/30/38



LED-T8

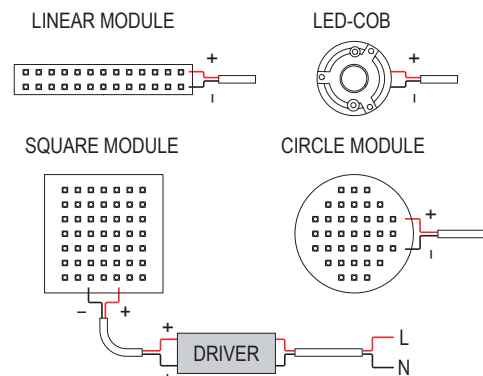


* Please make sure to put the lamp on the right side (L, N)

Remark

In Thailand the power system is 220V, 50Hz for other countries may difference.

LED-MODULE/LED-COB



Note : Wise⁺ Series is available as option, please contact our company.

CRITERIA OF LUMINAIRES

Degree of protection

IP20 Completely protected against penetration of dust protected against water jets

The first number : Degree of protected against penetration of solid

- 0 No protection
- 1 Protected against penetration solid bodies of diameter greater than 50 mm.
- 2 Protected against penetration solid bodies of diameter greater than 12 mm.
- 3 Protected against penetration solid bodies of diameter greater than 2.5 mm.
- 4 Protected against penetration solid bodies of diameter greater than 1.0 mm.
- 5 Protected against penetration of dust
- 6 Completely protected against penetration of dust

The second number : Degree of protected against penetration of liquid

- 0 No protection
- 1 Protected against drops of water falling vertically
- 2 Protected against drops of water from angle up to 15 °
- 3 Protected against shower up to 60 °
- 4 Protected against splash water
- 5 Protected against water jets
- 6 Protected against heavy downpours
- 7 Protected against the effects of immersion
- 8 Protected against the effects of submersion

Insulation class

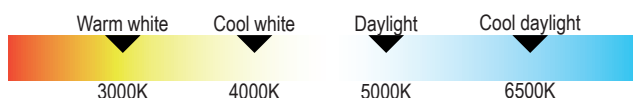
- Class I luminaire
Luminaires provided with functional insulation, earth wire connection is required.
- Class II luminaire
Luminaires provided with double or reinforced insulation, no earth wire connection is required.
- Class III luminaire
Luminaires suitable to connect with low voltage supply source.

Lifetime*

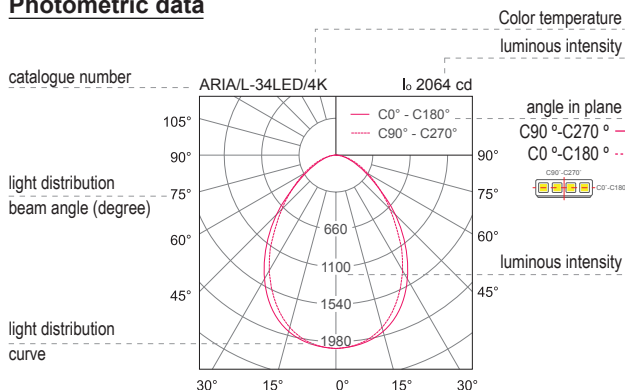
xx,000 hrs.
Lifetime

Luminaire lifetime
LED luminaire lifetime is not the same meaning of LED lifetime, there are many other components that are used including drivers, optic, mechanical fixings and housing. Each of these is also factor in determining the lifetime of luminaire, even LED lifetime is 50,000 hrs.

LED lamp color



Photometric data



Remark

In Thailand the power system is 220V, 50Hz for other countries may difference. Anyway, due to electronic driver has a wide range of input voltage and frequency. Therefore, the common driver may use for different input voltage and frequency, such as 240V, 50Hz. Please feel free to contact our staff for further information in case you use our products out of Thailand.

IK-Classification

DIN/EN 62262 classifies the degrees of protection that luminaires provide against external mechanical impacts.

- IK01 Protection against 0.14 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK02 Protection against 0.2 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK03 Protection against 0.35 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK04 Protection against 0.50 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK05 Protection against 0.70 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK06 Protection against 1 J (joules) impact energy (equivalent to specified impact from 0.5 kg polyamide hammer)
- IK07 Protection against 2 J (joules) impact energy (equivalent to impact of 0.5 kg steel weight dropped from 400 mm height)
- IK08 Protection against 5 J (joules) impact energy (equivalent to impact of 1.7 kg steel weight dropped from 300 mm height)
- IK09 Protection against 10 J (joules) impact energy (equivalent to impact of 5.0 kg steel weight dropped from 200 mm height)
- K010 Protection against 20 J (joules) impact energy (equivalent to impact of 5.0 kg steel weight dropped from 400 mm height)

Particular symbol

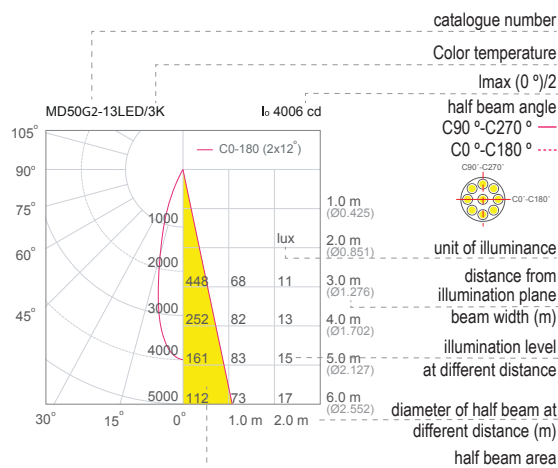
- Ø123 Ceiling or wall, cutout for round recessed luminaire
- 290 x 630 Ceiling or wall, cutout for square recessed luminaire
- 30° Vertical adjustment from 0° to 30°
- 358° Horizontal adjustment from 0° to 358°
- 30° Two axis adjustment from 0° to 30°

Standards

- TIS Thai industrial standard (according to IEC standard)



16.7 million color by RGB color additive



GUIDE TO CATALOGUE

Product category

Product's Model

Brand name

Product information

Typical
Product description

Accessories

LED Recessed Downlight

TIS RAL83

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium
Finishing Powder coated in white / black
Mounting Recessed
Power 1 lamp : 13W
2 lamps : 26W

Light Source

LED-COB

Colour Temperature 3000/4000/5000K

CRI >90/ >90/ >90

Lamp Output 1333/1397/1530 lm

Luminaire Output 1046/1096/1200 lm*

Beam Angle 15/24/36/60 Degree

Control Gear Separate driver

Power Supply 220VAC 50Hz

Power Factor > 0.9

Insulation Class II

IP Rating 20

Luminaire Lifetime 25,000 hrs.

Equivalent MR16 50W

Remarks *Value at 24 Degree

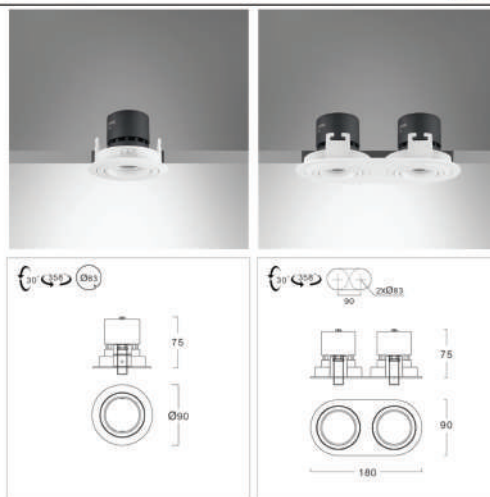
Ordering Data

Model RAL83/WH-13LED **Watt** 13W

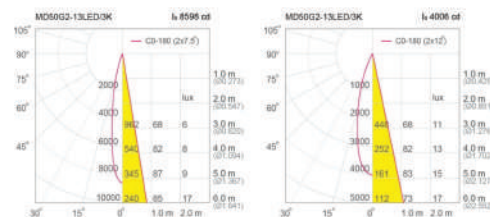
RAL83/WH-2x13LED 26W

Total input power, but for other models (use Replacement Lamp) show range of power.

L&E



Dimension
in mm.



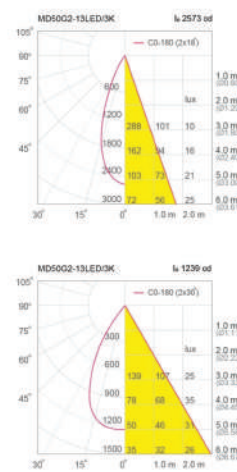
Related Products



Lighting and Equipment Public Company Limited

121

www.lighting.co.th



Related products

This example show other luminaires use same heat sink but for other model may show same appearance products, but different size and power.

Photometric data
(IES file is available)

GUIDE TO ORDER

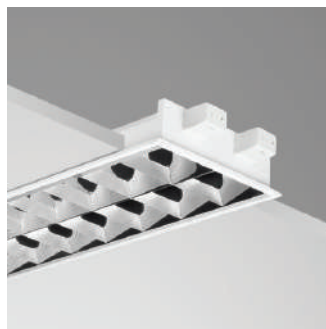
Page No.	Typical product description				Additional product description		
	Model	Model's detail	power	lamp type	Color Temperature	Light Distribution	Other
12	LLPDC	/1S/CT	-XX	LED-T8	/XK	N/A	-XXXX Specify by company
201	RSAL150E	/WH	-1X23	LED	/XK	/XXD	
402	SLL210	/GY	-70	LED	/XK	/SLX	

The above samples identify " typical product description" only (all models identify the same)

Full product description comprised of " Typical product description " + " [Additional product description](#) "

Item 1

If customer would like to order luminaire with LED-T8 [14W,3000K](#),
the full name of " product description is " LLPDC/1S/CT-[14](#)LED-T8/[3K](#)-XXXX "



Item 2

This luminaire has various of power and light distribution, in case customer would like to order
25W, 4000K, 24 degree light distribution
Full name of Product description is " RSAL150E/WH-1X[23](#)LED/[4K](#)/[24D](#)-XXXX "



Item 3

This luminaire has various of power and light distribution, in case customer would like to order
70W, 5700K, SL8 light distribution
Full name of Product description is " SLL210/GY-[70](#)LED/[5.7K](#)/[SL8](#) "



As the above view, customer may check with each model specification what power, colour temperature and light distribution is need, by add up additional product description with typical product description. Customer will get full name of product description for ordering.

CONTENT

Light Sources

1 - 11 LED Module/Lamps

1 - 2 LED Module

2 - 11 LED lamps



1-11

Indoor Lighting

12 - 91 General Lighting (Fluorescent)

12 - 24 Batten Luminaires

25 - 48 Surface Linear Luminaires

49 - 52 High bay Luminaires

53 - 91 Recessed Linear Luminaires



92-249 Downlights

92 - 153 Recessed Downlight Luminaires

154 - 168 Recessed Square Downlight Luminaires

169 - 203 Recessed Multi Square Downlight Luminaires

204 - 213 IP Recessed Downlight Luminaires

214 - 229 Surface Downlight Luminaires

230 - 240 Surface Square/Multi Downlight Luminaires

241 - 249 IP Surface Downlight Luminaires



250 - 298 Spot/Track light

250 - 294 Spot/Track light Luminaires

295 - 298 Lighting track



299 - 323 Pendant/Wall/Table/Floor lamps

299 - 319 Pendant Luminaires

320 - 321 Wall Mount Luminaires

322 Floor Lamp Luminaires

323 Table lamp Luminaires



324 - 331 Low/High Bay

324 - 325 Low Bay Luminaires

326 - 331 High bay Luminaires



12-331

Special Lighting

332 - 335 Emergency/Exit sign

332 - 335 Emergency/Exit sign Luminaires



336 - 347 Clean room/Cold room/Weatherproof

336 - 344 Clean room Luminaires

345 Cold room Luminaires

346 - 347 Weatherproof Luminaires



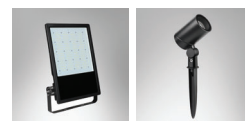
332-347

Outdoor Lighting

348 - 393 Floodlight/Accent

348 - 388 Floodlight Luminaires

389 - 393 Accent Luminaires



394 - 417 Canopy/Streetlight/Area light

394 - 397 Canopy Luminaires

398 - 405 Streetlight Luminaires

406 - 411 Solar Streetlight Luminaires new series

412 - 415 Area light Luminaires

416 - 417 Lighting Poles



418 - 429 Underwater/Inground

418 - 421 Underwater Luminaires

422 - 429 Inground Luminaires

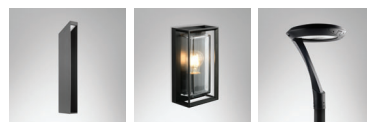


430 - 487 Bollard/Wall mount/Post top

430 - 448 Bollard Luminaires

449 - 474 Wall Mount Luminaires

475 - 487 Post top Luminaires



348 - 487



Light Sources

LED Module/Lamps

LED Module



TIS LED-LINEAR MODULE

Application

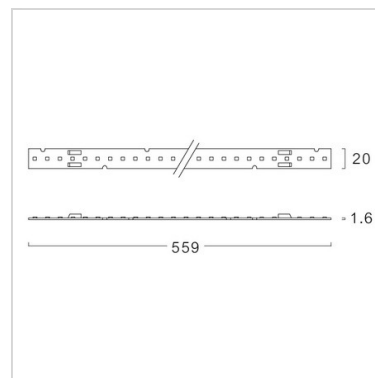
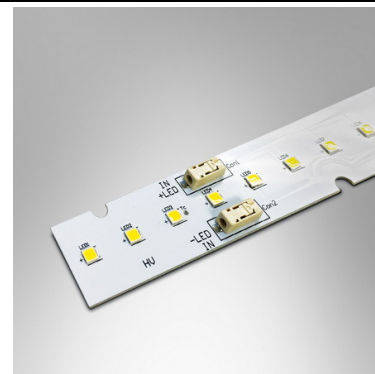
The LED Linear Module is designed to replace T8 fluorescent lamp which meet lux level requirement, but less power consumption and more longer lifetime.

Specification

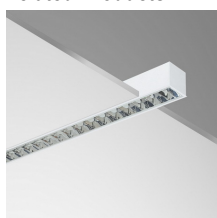
Structure	PCB LED TYPE
Power	16.5W
Light Source	LED-SMD
Colour Temperature	3000/4000K/6500K
Lamp Output	2200lm
Control Gear	Separated driver is required
LED Lifetime	50,000 hrs.
Remarks	Compatible with L&E driver or other brands ,240mA : (16.5W)

Ordering Data

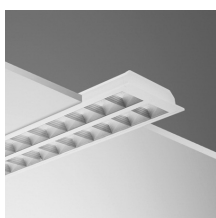
Model	Watt
L&E# LSM 66LED/V1/830/2ft/2200lm/56-67V/240mA	16.5W
L&E# LSM 66LED/V1/840/2ft/2200lm/56-67V/240mA	16.5W
L&E# LSM 66LED/V1/865/2ft/2200lm/56-67V/240mA	16.5W



Related Products



Recessed Luminaire



Recessed Luminaire



Recessed Luminaire



Recessed Luminaire

LED Module



TIS LED-COB

Application

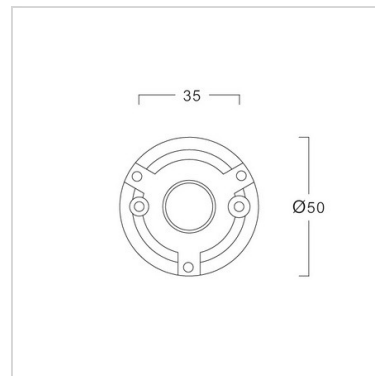
This is a very powerful LED light source which is replaced compact metal halide lamp

Specification

Housing	Robust plastic material
Description	Operating case temp. -40-80 degree CRI > 90
Mounting	Fix thermal pad or grease on back side and fix to heatsink
Power	2000LM(21W) 3000LM(32W) 3000LM(32W)
Light Source	LED-COB
Colour Temperature	940/930
Luminaire Output	105-141 Lumen/Watt
Control Gear	Separate driver
LED Lifetime	50,000 hrs.
Equivalent	Compact metal halide : 35/70W
Remarks	Compatible with L&E driver or other brands ,500/800mA : (21/ 32W) *

Ordering Data

Model	Watt
L&E#LED- MODULE-2000LM/930	21W
L&E#LED-MODULE-3000LM/930	32W
L&E#LED-MODULE-3000LM/940	32W



Related Products



Track Light



Recessed downlight



Surface downlight



Recessed downlight

LED Lamp



TIS LED-CANDLE

Application

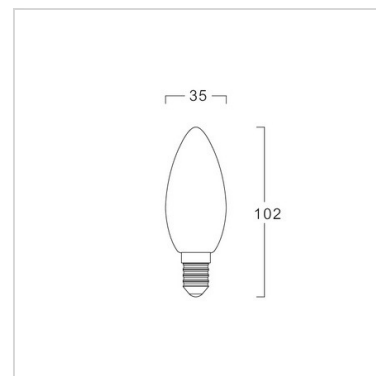
This lamp is designed to replace CANDLE halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Description	Dimmable
	Do not use in enclosed fixture
	CRI > 80
Body Colour	White
Power	6W
Lamp Holder	E14
Colour Temperature	2700K
Lamp Output	470 lm
Control Gear	Built-in driver
Power Supply	220V 50Hz
LED Lifetime	25,000 hrs.
Equivalent	Candle lamp

Ordering Data

Model	Watt
L&E#LED-CANDLE-470LM/827/6W/E14/Clear/Dim	6W



Related Products



Decorative



Decorative

LED Lamp



TIS LED-BULB/LPF

Application

This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV, long lifetime, etc.

Specification

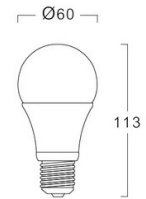
Housing	Aluminium inside cover with plastic
Description	Do not use with enclosed fixtures Operating temperature -20 / +40 degree
Body Colour	White
Power	5-15W , Pf 0.5 , CRI >80
Light Source	LED-SMD
Lamp Holder	E27
Colour Temperature	3000K/4000K/6500K
Lamp Output	5W:470 lm, 510lm 7W:630lm, 690lm 9W:810lm, 850lm 10W:980lm 11W:1050lm 13W:1350lm 15W:1450lm
Control Gear	Built-in driver
Power Supply	220V 50Hz
LED Lifetime	25,000 hrs.

Ordering Data

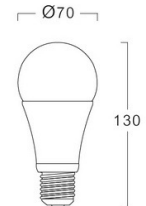
Model	Watt
L&E#LED-Bulb-470LM/830/5W/E27	5W
L&E#LED-Bulb-510LM/865/5W/E27	5W
L&E#LED-Bulb-630LM/830/7W/E27(G3)	7W
L&E#LED-Bulb-690LM/865/7W/E27(G3)	7W
L&E#LED-Bulb-810LM/830/9W/E27(G3)	9W
L&E#LED-Bulb-850LM/840/9W/E27(G3)	9W
L&E#LED-Bulb-850LM/865/9W/E27(G3)	9W
L&E#LED-Bulb-980LM/830/10W/E27 (G3)	10W
L&E#LED-Bulb-980LM/865/10W/E27 (G3)	10W
L&E#LED-Bulb-1050LM/830/11W/E27(G3)	11W
L&E#LED-Bulb-1050LM/840/11W/E27(G3)	11W
L&E#LED-Bulb-1050LM/865/11W/E27(G3)	11W
L&E#LED-Bulb-1350LM/830/13W/E27	13W
L&E#LED-Bulb-1350LM/865/13W/E27	13W
L&E#LED-Bulb-1450LM/830/15W/E27	15W
L&E#LED-Bulb-1450LM/865/15W/E27	15W



A60 (5/7/8/9/10/11W)



A70(13/15W)



Related Products



Recessed Downlight



Recessed Downlight



Surface downlight



Surface downlight

LED Lamp



TIS LED-BULB/SOUND

Application

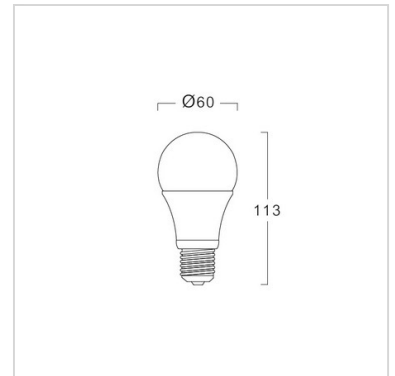
This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV, long lifetime, etc.

Specification

Housing	Aluminium inside cover with plastic
Description	Do not use with enclosed fixtures Speaker in lamp for listen to music Operating temperature -20 / +40 degree
Body Colour	White
Power	9W
Light Source	LED-SMD
Lamp Holder	E27
Colour Temperature	6500K
Lamp Output	9W:470 lm
Control Gear	Built-in driver
Power Supply	220V 50Hz
LED Lifetime	25,000 hrs.

Ordering Data

Model	Watt
L&E#Sound Bulb-470LM/865/9W/E27	9W



Related Products



Recessed downlight



Recessed downlight



Recessed downlight

LED Lamp



TIS LED-MR16

Application

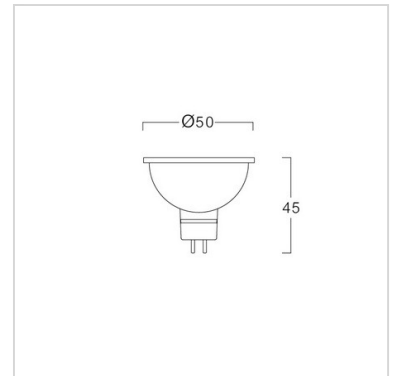
This lamp is designed to replace
MR16 halogen lamp for energy saving,
long life time and low maintenance cost

Specification

Housing	Plastic with inside aluminium
Description	Non-dimmable Do not use in enclosed fixture
Body Colour	White
Power	6W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/6500K - CRI 80
Lamp Output	550 lm
Beam Angle	36/60degree
Control Gear	Separated transformer
Power Supply	12V AC/DC
LED Lifetime	15,000 hrs.
Equivalent	MR16 35/50W

Ordering Data

Model	Watt
L&E#LED-MR16-550LM/827/6W/GU5.3/36D	6W
L&E#LED-MR16-550LM/830/6W/GU5.3/36D	6W
L&E#LED-MR16-550LM/830/6W/GU5.3/60D	6W
L&E#LED-MR16-550LM/840/6W/GU5.3/36D	6W
L&E#LED-MR16-550LM/840/6W/GU5.3/60D	6W
L&E#LED-MR16-550LM/865/6W/GU5.3/36D	6W



Related Products



Recessed Downlight



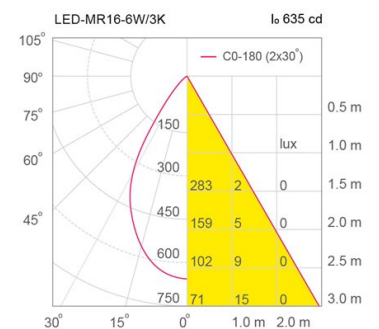
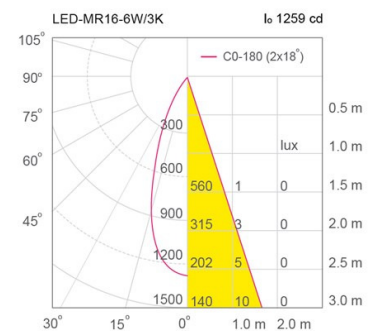
Track Light



Surface Downlight



Recessed Downlight



LED Lamp



TIS LED-PAR16

Application

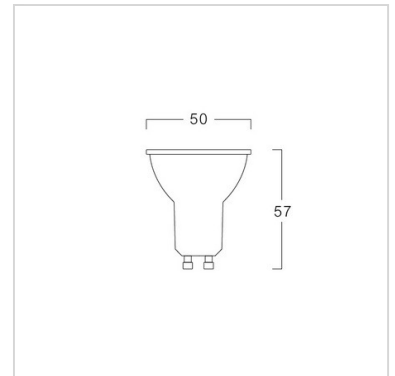
This lamp is designed to replace PAR16 halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Housing	Plastic with inside aluminium
Description	Dimmable
	Do not use in enclosed fixture
Body Colour	White
Power	7W
Light Source	LED-SMD
Colour Temperature	3000K/4000K
Lamp Output	620 lm
Beam Angle	36 degree
Power Supply	220V AC
LED Lifetime	15,000 hrs.
Equivalent	PAR16 35/50W

Ordering Data

Model	Watt
L&E#LED-PAR16-620LM/830/7W/GU10/36D/Dim	7W
L&E#LED-PAR16-620LM/840/7W/GU10/36D/Dim	7W



Related Products



Recessed Downlight



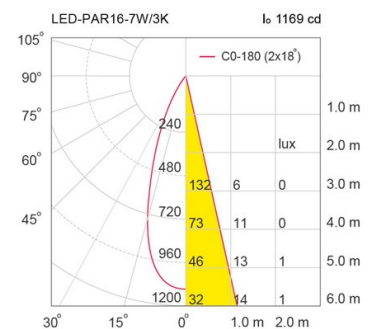
Track Light



Surface Downlight



Recessed Downlight



LED Lamp



TIS LED-PAR20

Application

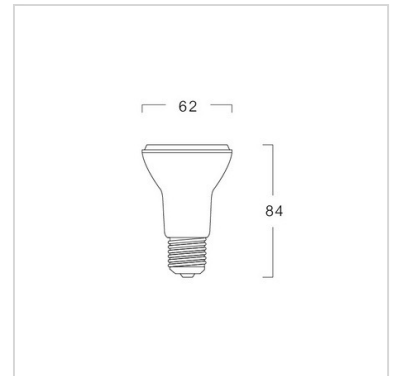
This lamp is designed to replace PAR20 halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Housing	Plastic with inside aluminium
Description	Non-Dimmable
	Do not use in enclosed fixture
Body Colour	White
Power	6W
Light Source	LED-SMD
Colour Temperature	3000K
Lamp Output	540lm
Beam Angle	25 degree
Power Supply	220V AC
LED Lifetime	20000 hrs.
Equivalent	PAR20 50-75W

Ordering Data

Model	Watt
L&E#PAR20-540LM/830/6W/E27/25D	6W



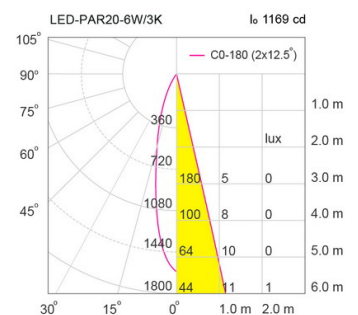
Related Products



Track Light

Track Light

Surface Downlight



LED Lamp



TIS LED-PAR30

Application

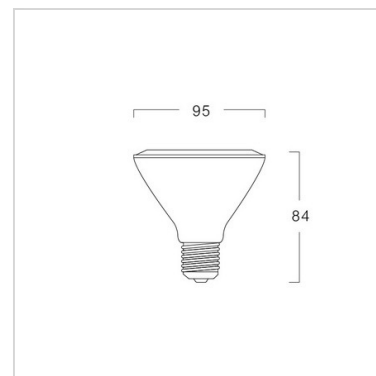
This lamp is designed to replace PAR30 halogen lamp for energy saving, long life time and low maintenance cost.

Specification

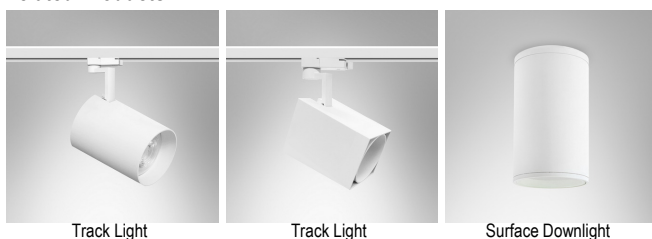
Housing	Plastic with inside aluminium
Description	Non-Dimmable
	Do not use in enclosed fixture
Body Colour	White
Power	10W
Light Source	LED-SMD
Colour Temperature	3000K
Lamp Output	950lm
Beam Angle	25 degree
Power Supply	220V AC
LED Lifetime	20,000 hrs.
Equivalent	PAR30 75-100W

Ordering Data

Model	Watt
L&E#PAR30-950LM/830/10W/E27/25D	10W



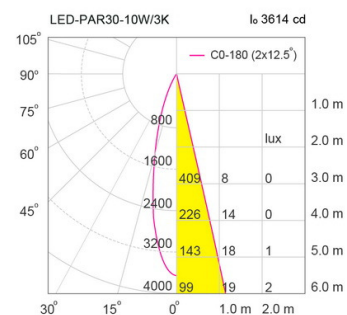
Related Products



Track Light

Track Light

Surface Downlight



LED Lamp



TIS LED-T8/STD/CT

Application

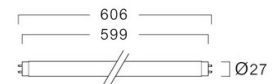
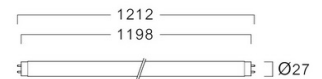
This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV, long lifetime, etc.

Specification

Housing	High quality plastic
Description	Energy saving up to 85%
	No UV
	Non-dimmable
	830 : CRI 80 3000K
	840 : CRI 80 4000K
	865 : CRI 80 6500K
Safety	9W, Pf >0.9, CRI>80 and THDi <15% *
	16W, Pf >0.9, CRI>80 and THDi <15% *
Power	9/16W
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Lamp Output	1050/2000/2100 lm
Beam Angle	> 160 degree
Control Gear	Built-in driver
Power Supply	220VAC
LED Lifetime	50,000 hrs.
Equivalent	T8:18/36W

Ordering Data

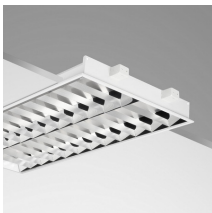
Model	Watt
L&E#STD LED-T8-1050LM/830/9W/CT	9W
L&E#STD LED-T8-1050LM/840/9W/CT	9W
L&E#STD LED-T8-1050LM/865/9W/CT	9W
L&E#STD LED-T8-2000LM/830/16W/CT	16W
L&E#STD LED-T8-2100LM/840/16W/CT	16W
L&E#STD LED-T8-2100LM/865/16W/CT	16W



Related Products



Recessed Luminaire



Recessed Luminaire *



Surface Luminaire



Pendant Luminaire

LED Lamp



TIS LED-T8/PREMIUM/CT

Application

This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV, long lifetime, etc.

Specification

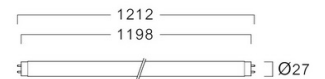
Housing	High quality plastic *
Description	Energy saving up to 85%
	No UV
	Non-dimmable
Power	8/14W, Pf >0.9, CRI>80 and THDi <10%
Light Source	LED-SMD
Colour Temperature	830/840/865
Lamp Output	1050lm/2000lm/2100lm
Beam Angle	> 160 degree
Control Gear	Built-in driver
Power Supply	220VAC
LED Lifetime	50,000 hrs.
Equivalent	T8:18/36W

Ordering Data

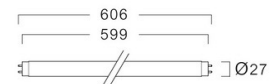
Model	Watt
L&E#Premium LED-T8-1050LM/840/8W/CT	8W
L&E#Premium LED-T8-1050LM/865/8W/CT	8W
L&E#Premium LED-T8-2000LM/830/14W/CT	14W
L&E#Premium LED-T8-2100LM/840/14W/CT	14W
L&E#Premium LED-T8-2100LM/865/14W/CT	14W



14W



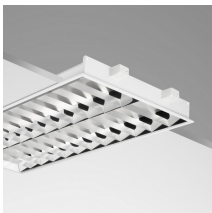
8W



Related Products



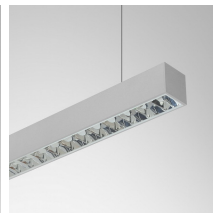
Recessed Luminaire



Recessed Luminaire



Surface Luminaire



Pendant Luminaire



Indoor Lighting



Indoor Lighting

General Lighting (Fluorescent)

LED Batten



LLPDC/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

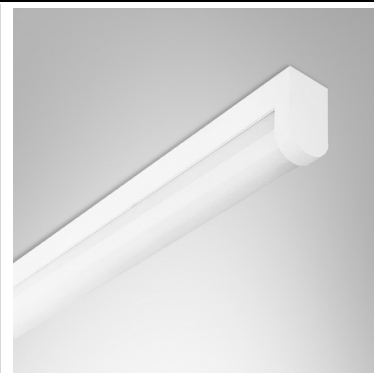
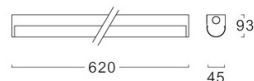
Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Mounting	Surface
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 940 lm 1L : 14/16/18W : 1880 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	40
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

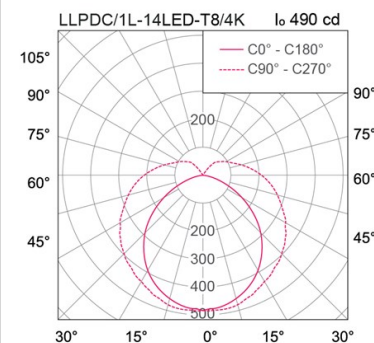
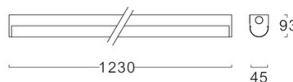
Ordering Data

Model	Watt
LLPDC/1S/CT-XXLED-T8	8-9W
LLPDC/1L/CT-XXLED-T8	14-18W

LLPDC/1S



LLPDC/1L



Related Products



LED-T8

LLBC/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

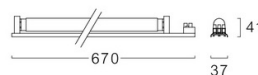
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Mounting	Surface
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 1035 lm 1L : 14/16/18W : 2068 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

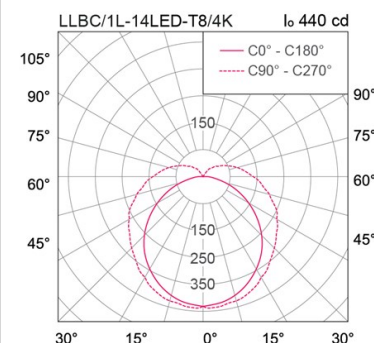
Ordering Data

Model	Watt
LLBC/1S/CT-XXLED-T8	8-9W
LLBC/1L/CT-XXLED-T8	14-18W

LLBC/1S



LLBC/1L



Related Products



LED-T8

LED Batten



Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

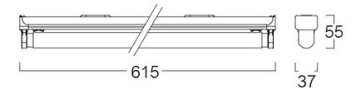
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Mounting	Surface or Suspended
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm
Luminaire Output	1S : 8/9W : 1035 lm 1L : 14/16/18W : 2068 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W

Ordering Data

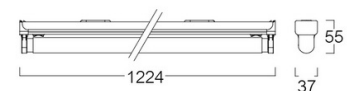
Model	Watt
LSB/1S/CT-XXLED-T8	8-9W
LSB/1L/CT-XXLED-T8	14-18W



LSB/1S



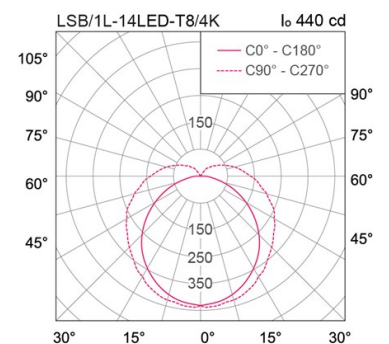
LSB/1L



Related Products



LED-T8



LED Batten



TIS LLBS40/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

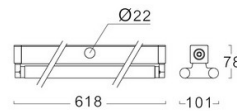
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Mounting	Surface or Suspended
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S : 8/9W : 1035 lm 1L : 14/16/18W : 2068 lm 2S: 16/18W : 2070 lm 2L: 28/32/36W : 4136 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

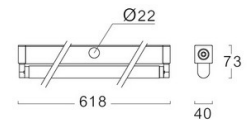
Model	Watt
LLBS40/1S/CT-XXLED-T8	8-9W
LLBS40/1L/CT-XXLED-T8	14-18W
LLBS40/2S/CT-XXLED-T8	16-18W
LLBS40/2L/CT-XXLED-T8	28-36W



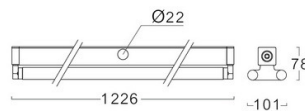
LLBS40/2S



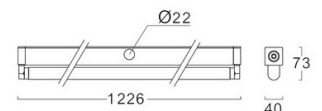
LLBS40/1S



LLBS40/2L



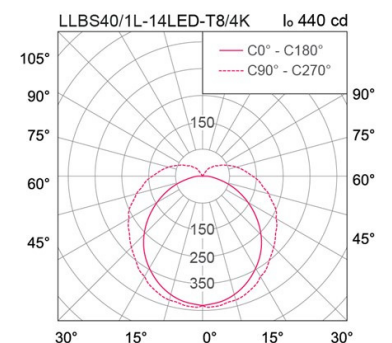
LLBS40/1L



Related Products



LED-T8



LED Batten



Application

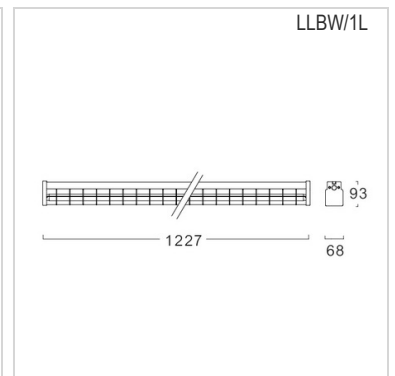
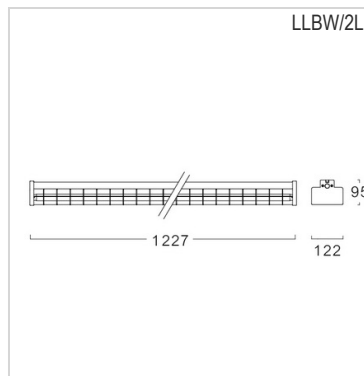
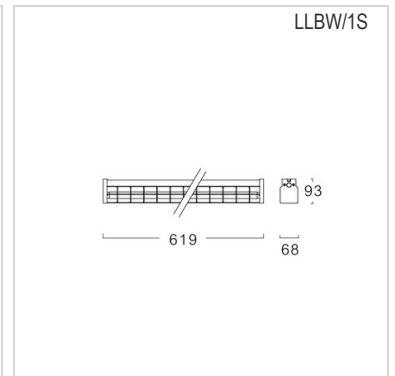
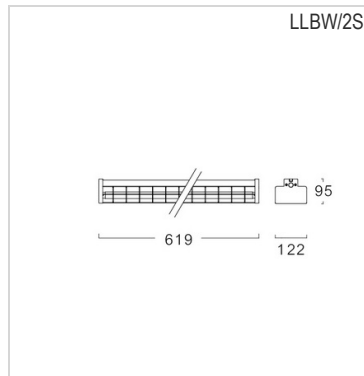
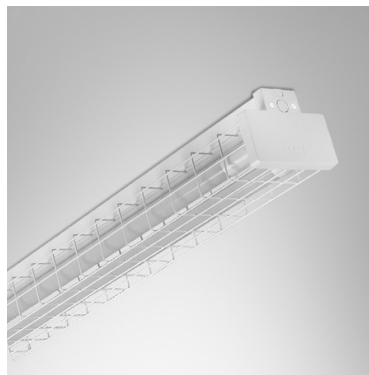
This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel cover with wire mesh
Finishing	Powder coated in white
Mounting	Surface or Suspended
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S : 8/9W : 740 lm 1L : 14/16/18W : 1480 lm 2S: 16/18W : 1650 lm 2L: 28/32/36W : 3300 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

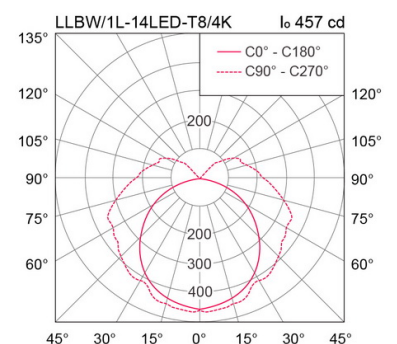
Model	Watt
LLBW/1S/CT-XXLED-T8	8-9W
LLBW/1L/CT-XXLED-T8	14-18W
LLBW/2S/CT-XXLED-T8	16-18W
LLBW/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8



LED Batten



TIS LLBT/CT

Application

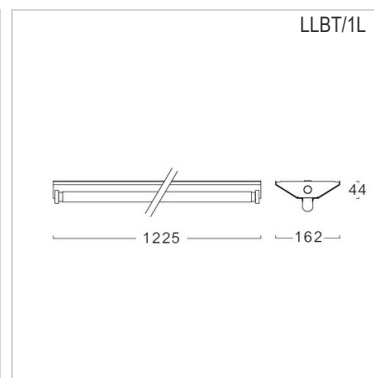
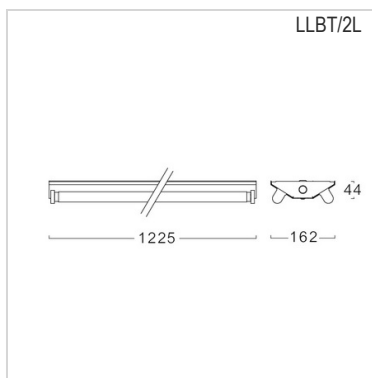
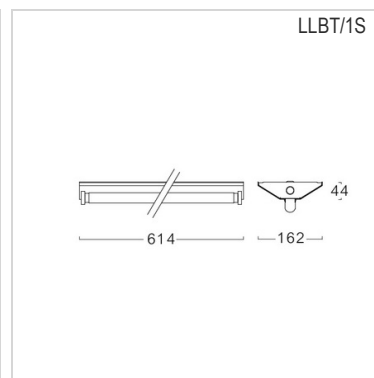
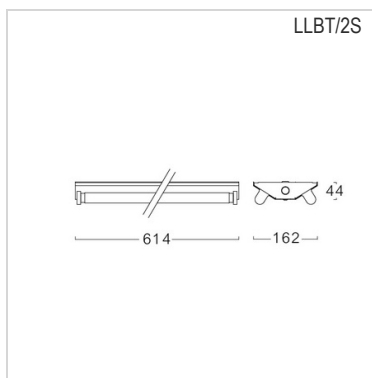
This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Mounting	Surface or Suspended
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S : 8/9W : 1025 lm 1L : 14/16/18W : 2055 lm 2S: 16/18W : 2040 lm 2L: 28/32/36W : 4086 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

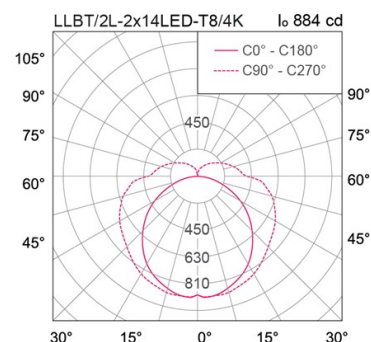
Model	Watt
LLBT/1S/CT-XXLED-T8	8-9W
LLBT/1L/CT-XXLED-T8	14-18W
LLBT/2S/CT-XXLED-T8	16-18W
LLBT/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8



LED Batten



TIS LLIST/MI/CT

Application

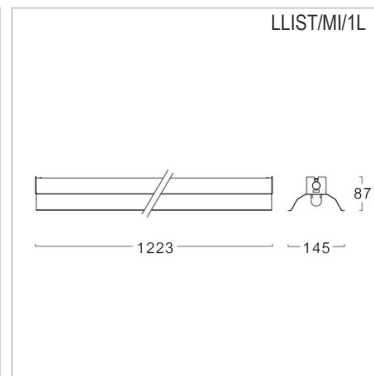
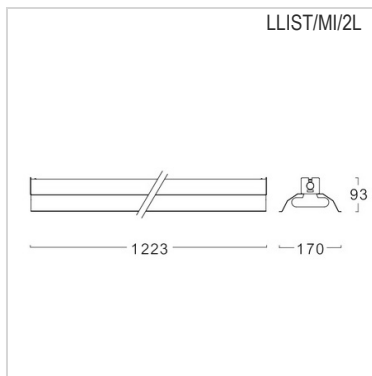
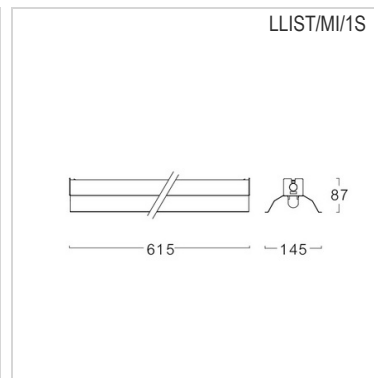
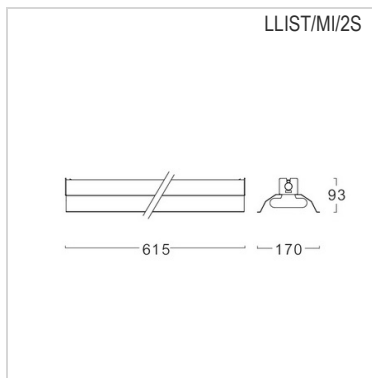
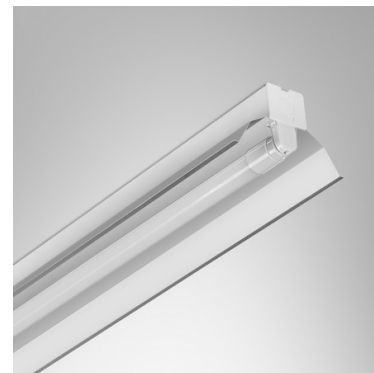
This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Mounting	Surface or Suspended
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S: 8/9W : 964 lm 1L: 14/16/18W : 1928 lm 2S: 16/18W : 1932 lm 2L: 28/32/36W : 3864 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

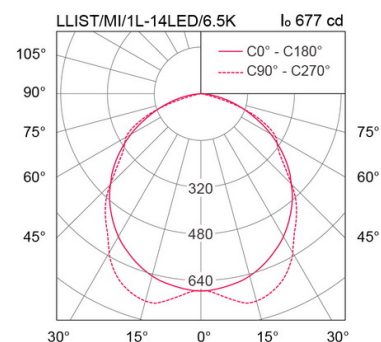
Model	Watt
LLIST/MI/1S/CT-XXLED-T8	8-9W
LLIST/MI/1L/CT-XXLED-T8	14-18W
LLIST/MI/2S/CT-XXLED-T8	16-18W
LLIST/MI/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8



LED Batten



TIS LLIST/WH/CT

Application

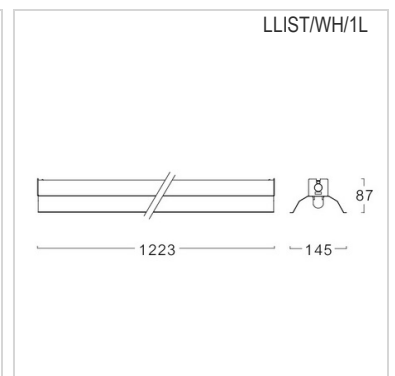
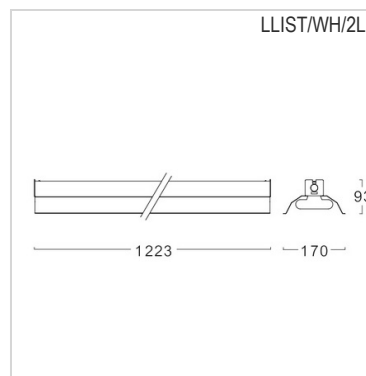
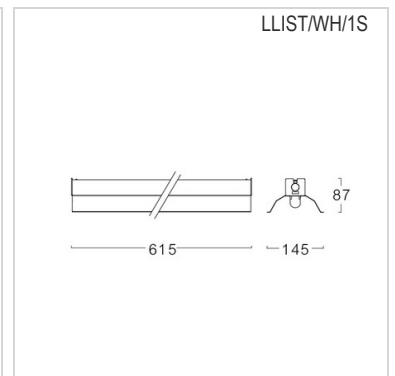
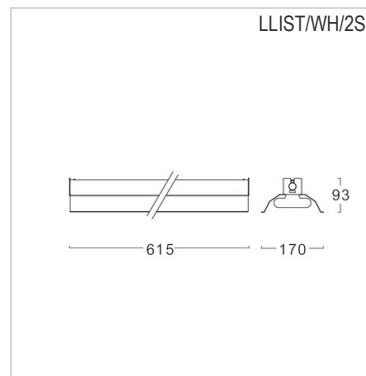
This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Painted steel in white
Mounting	Surface or Suspended
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S: 8/9W : 941 lm 1L: 14/16/18W : 1882 lm 2S: 16/18W : 1835 lm 2L: 28/32/36W : 3670 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

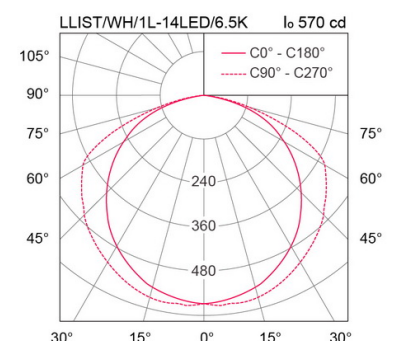
Model	Watt
LLIST/WH/1S/CT-XXLED-T8	8-9W
LLIST/WH/1L/CT-XXLED-T8	14-18W
LLIST/WH/2S/CT-XXLED-T8	16-18W
LLIST/WH/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8



LED Batten



LLIAS/MI/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Mounting	Surface or Suspended
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 880 lm 1L : 14/16/18W : 1760 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

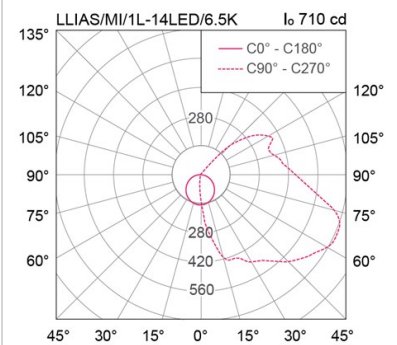
Ordering Data

Model	Watt
LLIAS/MI/1S/CT-XXLED-T8	8-9W
LLIAS/MI/1L/CT-XXLED-T8	14-18W

LLIAS/MI/1S



LLIAS/MI/1L



Related Products



LED-T8

LLIAS/WH/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Painted steel in white
Mounting	Surface or Suspended
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 834 lm 1L : 14/16/18W : 1668 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

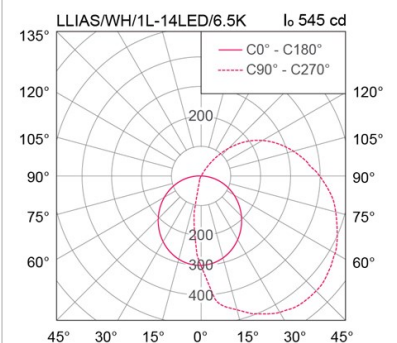
Ordering Data

Model	Watt
LLIAS/WH/1S/CT-XXLED-T8	8-9W
LLIAS/WH/1L/CT-XXLED-T8	14-18W

LLIAS/WH/1S



LLIAS/WH/1L



Related Products



LED-T8

LED Batten



TIS LLPUW/PR/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface or Suspended
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp) 2S: 16-18W (2 lamps) 2L: 28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm 2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	1S : 8/9W : 945 lm 1L : 14/16/18W : 1890 lm 2S: 16/18W : 1825 lm 2L: 28/32/36W : 3650 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W 16-18W: T5 2x14W/T8 2x18W 28-36W: T5 2x28W/T8 2x36W

Ordering Data

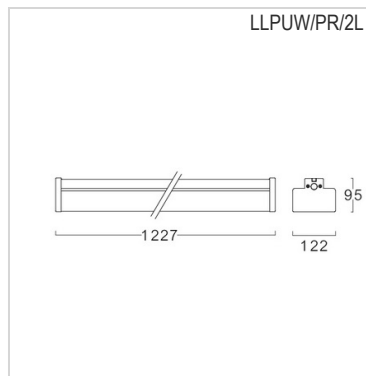
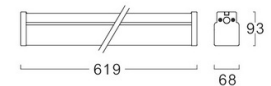
Model	Watt
LLPUW/PR/1S/CT-XXLED-T8	8-9W
LLPUW/PR/1L/CT-XXLED-T8	14-18W
LLPUW/PR/2S/CT-XXLED-T8	16-18W
LLPUW/PR/2L/CT-XXLED-T8	28-36W



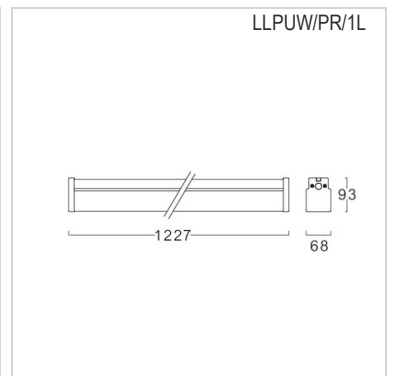
LLPUW/PR/2S



LLPUW/PR/1S



LLPUW/PR/2L



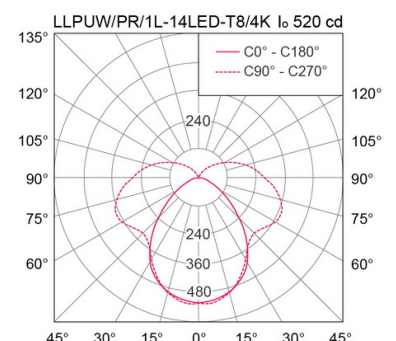
LLPUW/PR/1L



Related Products



LED-T8



LED Batten



LLPLW/PR/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface or Suspended
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 680 lm 1L : 14/16/18W : 1405 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

Ordering Data

Model	Watt
LLPLW/PR/1S/CT-XXLED-T8	8-9W
LLPLW/PR/1L/CT-XXLED-T8	14-18W

LLPCW/PR/CT

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

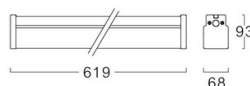
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 555 lm 1L : 14/16/18W : 1113 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

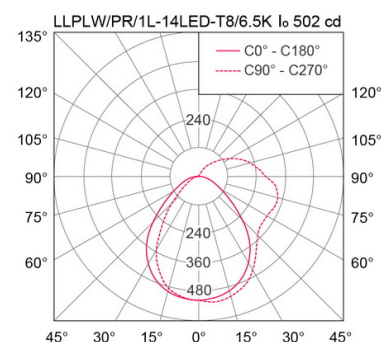
Ordering Data

Model	Watt
LLPCW/PR/1S/CT-XXLED-T8	8-9W
LLPCW/PR/1L/CT-XXLED-T8	14-18W

LLPLW/PR/1S



LLPLW/PR/1L

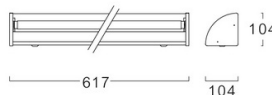


Related Products

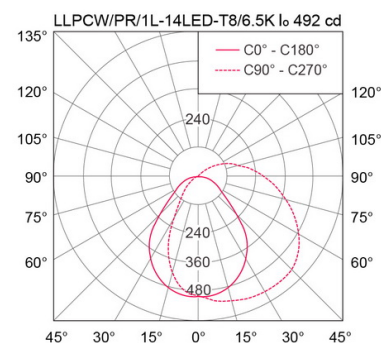


LED-T8

LLPCW/PR/1S



LLPCW/PR/1L



Related Products



LED-T8

LED Batten



TIS LBCL

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Extruded aluminium
Finishing	Anodized aluminium
Diffuser	Polycarbonate (PC)
Mounting	Surface or Suspension
Power	10/20W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:10W : 1050 lm 1L:20W : 2170 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	30,000 hrs.
Equivalent	10W:T5 1x14W/T8 1x18W 20W:T5 1x28W/T8 1x36W

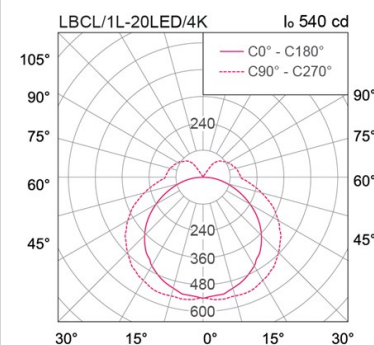
Ordering Data

Model	Watt
LBCL/1S-10LED	10W
LBCL/1L-20LED	20W

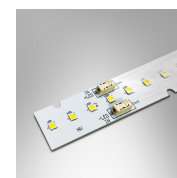
LBCL/1S



LBCL/1L



Related Products



LED Strip Module

TIS LBSL

Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Excellent transmission opal acrylic
Mounting	Surface or Suspension
Power	11/16/22/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:11W : 1390 lm 1S:16W : 2060 lm 1L:22W : 2780 lm 1L:32W : 4120 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	30,000 hrs.
Equivalent	16W:T5 2x14W/T8 2x18W 32W:T5 2x28W/T8 2x36W

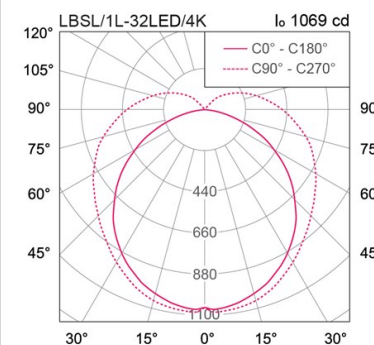
Ordering Data

Model	Watt
LBSL/1S-11LED	11W
LBSL/1S-16LED	16W
LBSL/1L-22LED	22W
LBSL/1L-32LED	32W

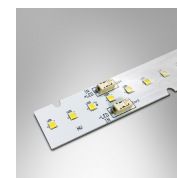
LBSL/1S



LBSL/1L



Related Products



LED Strip Module

LED Batten



Application

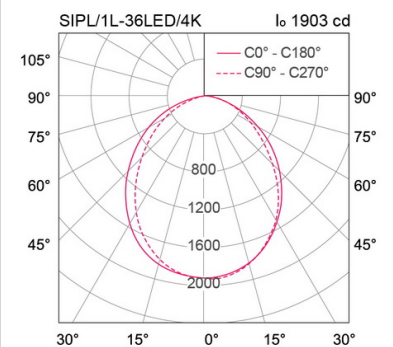
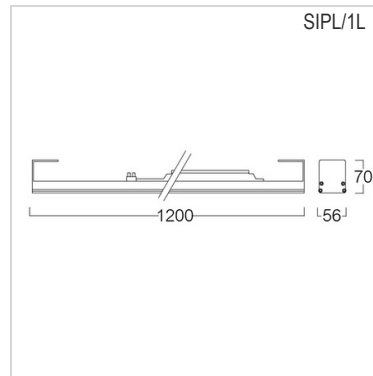
This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Extruded aluminium
Finishing	Anodized aluminium
Diffuser	Excellent transmission opal acrylic
Mounting	Surface or suspension
Power	36W
Light Source	LED Module
Colour Temperature	3000/4000/6500K 1L:36W : 4500 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	50,000hrs 36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
SIPL/1L-36LED	36W



Related Products



LED Strip Module



Application

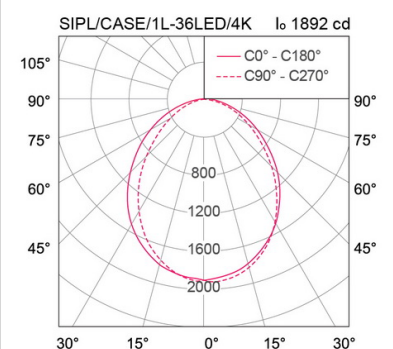
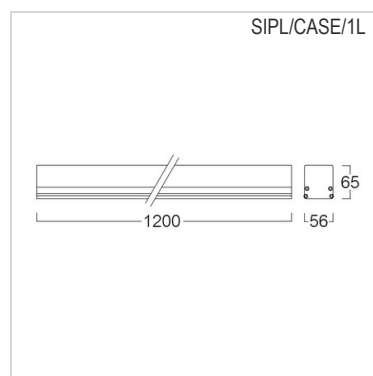
This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Extruded aluminium Die-formed cold roll steel
Finishing	Powder coated in white, black or grey
Diffuser	Excellent transmission opal acrylic
Mounting	Surface or suspension
Power	36W
Light Source	LED Module
Colour Temperature	3000/4000/6500K 1L:36W : 4300 lm
Luminaire Output	1L:36W : 4300 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	50,000 hrs
Equivalent	36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
SIPL/CASE/BK/1L-36LED	36W



Related Products



LED Strip Module

LED Batten



Application

This luminaire is designed to use for convenience stores, discount stores, modern trade stores, factories, schools, storage areas, hospitals, hotels, shopping centers, corridors, industrial areas, car parks, etc.

Specification

Housing	Extruded aluminium
Finishing	Anodized aluminium
Diffuser	Excellent transmission opal acrylic
Mounting	Surface or suspension
Power	26W
Light Source	LED Module
Lamp Output	4000/6500K
Luminaire Output	1L:26W : 4300lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	50,000hrs

Ordering Data

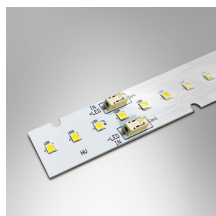
Model	Watt
SICL/1L-26LED	26W



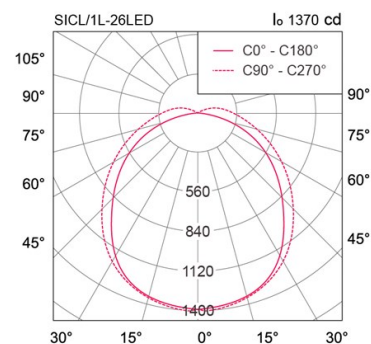
SICL/1L



Related Products



LED Strip Module



LED Surface Fluorescent



LSLL/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

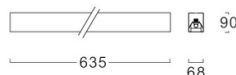
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Mirror anodized aluminum
Mounting	Surface
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W : 1050 lm 1L: L&E : 14/16/18W : 2100 lm
Luminaire Output	1S : 8/9W : 720 lm 1L : 14/16/18W : 1445 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

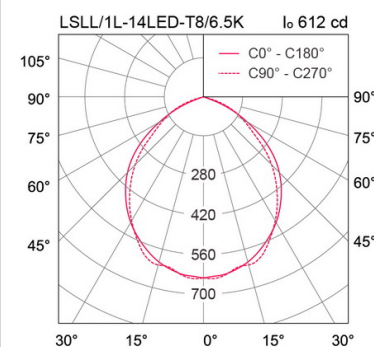
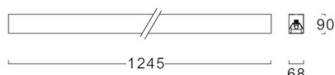
Ordering Data

Model	Watt
LSLL/1S/CT-XXLED-T8	8-9W
LSLL/1L/CT-XXLED-T8	14-18W

LSLL/1S



LSLL/1L



Related Products



LED-T8

LSLL105/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

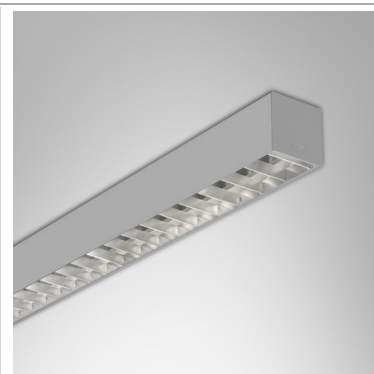
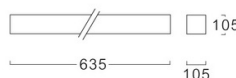
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Matt anodized aluminum
Mounting	Surface
Power	2S: 16-18W (2 lamps) 2L: 28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W : 2x1050 lm 2L: L&E : 2x14/16/18W : 2x2100 lm
Luminaire Output	2S : 16/18W : 1370 lm 2L : 28/32/36W : 2740 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-18W: T5 2x14W/T8 2x18W 28-36W: T5 2x28W/T8 2x36W

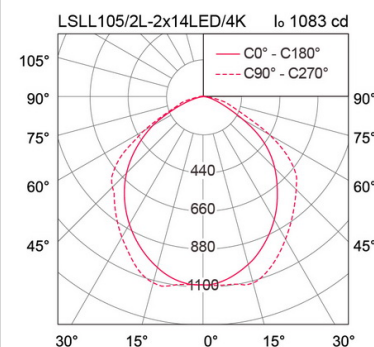
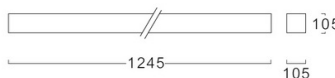
Ordering Data

Model	Watt
LSLL105/2S/CT-XXLED-T8	16-18W
LSLL105/2L/CT-XXLED-T8	28-18W

LSLL105/2S



LSLL105/2L



Related Products



LED-T8

LED Surface Fluorescent



 TIS LSLIR/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

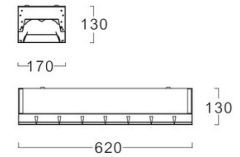
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Matt
Louver	Matt
Mounting	Surface
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1375 lm 2L: 28/32/36W : 2750 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

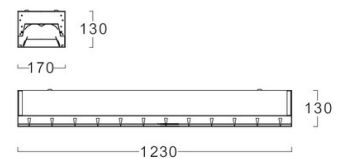
Model	Watt
LSLIR/2S/CT-XXLED-T8	16-20W
LSLIR/2L/CT-XXLED-T8	28-40W



LSLIR/2S



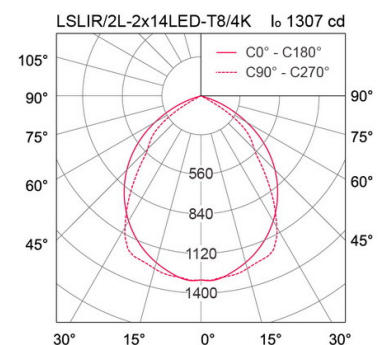
LSLIR/2L



Related Products



LED-T8



LED Surface Fluorescent



TIS LSST300/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

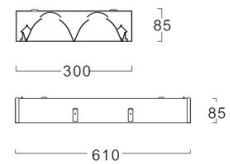
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Mounting	Surface
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1720 lm 2L: 28/32/36W : 3440 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-20W:T5 2x14W/T8 2x18W 28-40W:T5 2x28W/T8 2x36W

Ordering Data

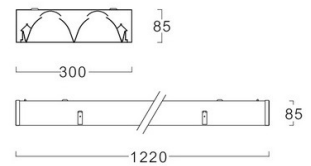
Model	Watt
LSST300/2S/CT-XXLED-T8	16-20W
LSST300/2L/CT-XXLED-T8	28-40W



LSST300/2S



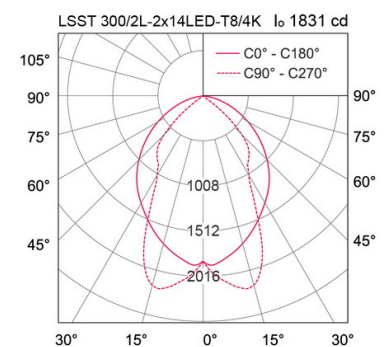
LSST300/2L



Related Products



LED-T8



LED Surface Fluorescent



TIS LSST600/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

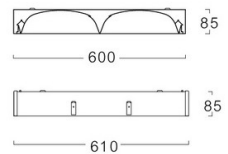
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Cristmas tree profiled cross vanes
Mounting	Surface
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1740 lm 2L: 28/32/36W : 3480 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-20W:T5 2x14W/T8 2x18W 28-40W:T5 2x28W/T8 2x36W

Ordering Data

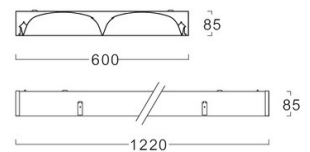
Model	Watt
LSST600/2S/CT-XXLED-T8	16-20W
LSST600/2L/CT-XXLED-T8	28-40W



LSST600/2S



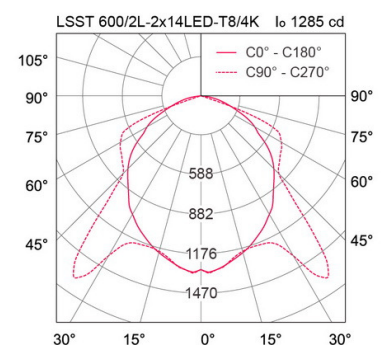
LSST600/2L



Related Products



LED-T8



LED Surface Fluorescent



LSWAR/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Mounting	Surface

Power	1S:8-9W (1 lamp)
	1L:14-18W (1 lamp)
	2S:16-18W (2 lamps)
	2L:28-36W (2 lamps)

Light Source LED-T8

Lamp Holder G13

Colour Temperature 3000/4000/6500K

Lamp Output	1S:L&E : 8/9W:1050 lm
	1L:L&E : 14/16/18W:2100 lm
	2S:L&E : 2x8/9W:2x1050 lm
	2L:L&E : 2x14/16/18W:2x2100 lm

Luminaire Output	1S : 8/9W : 745 lm
	1L : 14/16/18W : 1490 lm
	2S : 16/18W : 1480 lm
	2L : 28/32/36W : 2970 lm

Power Supply 220VAC 50Hz

Insulation Class I

IP Rating 20

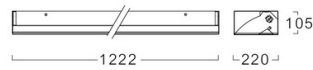
LED Lifetime L&E:25,000/50,000 hrs.

Equivalent	8-9W:T5 1x14W/T8 1x18W
	14-18W:T5 1x28W/T8 1x36W
	16-18W:T5 2x14W/T8 2x18W
	28-36W:T5 2x28W/T8 2x36W

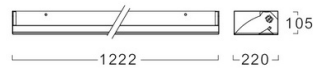
Ordering Data

Model	Watt
LSWAR/1S/CT-XXLED-T8	8-9W
LSWAR/1L/CT-XXLED-T8	14-18W
LSWAR/2S/CT-XXLED-T8	16-18W
LSWAR/2L/CT-XXLED-T8	28-36W

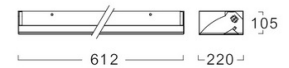
LSWAR/1L



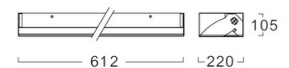
LSWAR/2L



LSWAR/1S



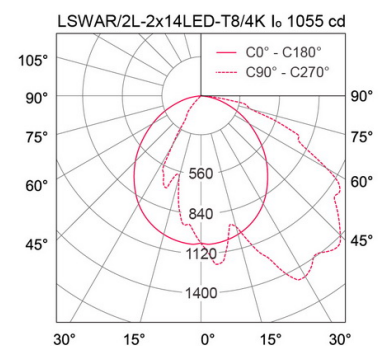
LSWAR/2S



Related Products



LED-T8



LED Surface Fluorescent



LSLP/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

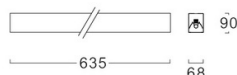
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Surface
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 645 lm 1L : 14/16/18W : 1290 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

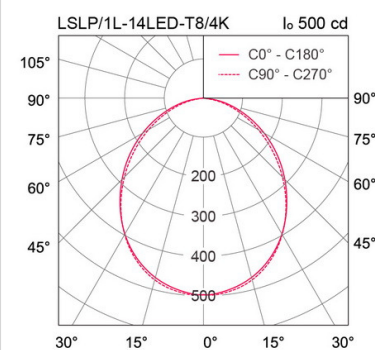
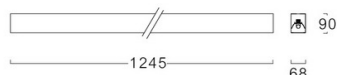
Ordering Data

Model	Watt
LSLP/1S/CT-XXLED-T8	8-9W
LSLP/1L/CT-XXLED-T8	14-18W

LSLP/1S



LSLP/1L



Related Products



LED-T8

LSLP105/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

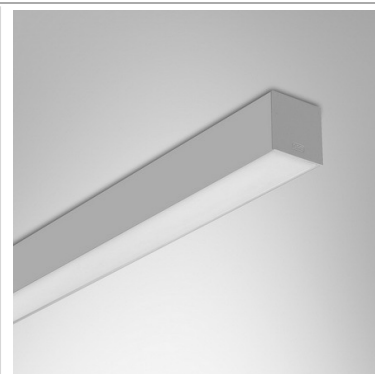
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Surface
Power	2S: 16-18W (2 lamps) 2L: 28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S : 16/18W : 1260 lm 2L : 28/32/36W : 2520 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-18W: T5 2x14W/T8 2x18W 28-36W: T5 2x28W/T8 2x36W

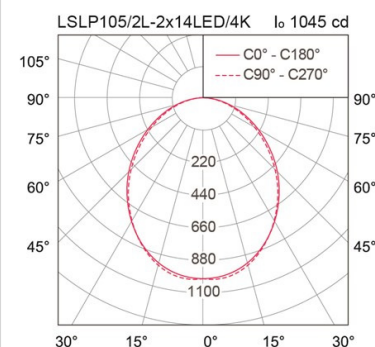
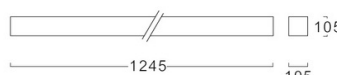
Ordering Data

Model	Watt
LSLP105/2S/CT-XXLED-T8	16-18W
LSLP105/2L/CT-XXLED-T8	28-36W

LSLP105/2S



LSLP105/2L



Related Products



LED-T8

LED Surface Fluorescent



LSLIP/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

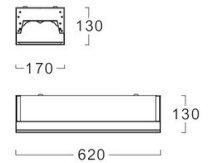
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Surface
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1338 lm 2L: 28/32/36W : 2675 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

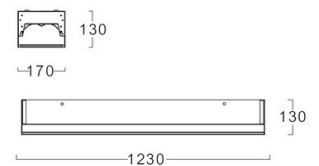
Model	Watt
LSLIP/2S/CT-XXLED-T8	16-20W
LSLIP/2L/CT-XXLED-T8	28-40W



LSLIP/2S



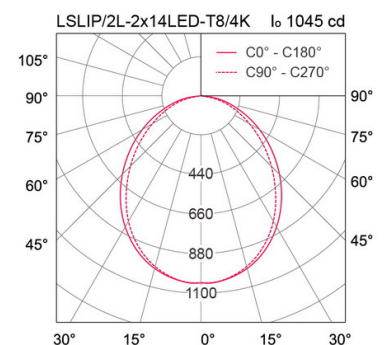
LSLIP/2L



Related Products



LED-T8



LED Surface Fluorescent



LSLIP/DL/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in grey (white as option)
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Surface
Power	2L:28-40W (2 lamps) 1x1DL:6W (1 lamp) 1x2DL:12W (2 lamps) 2x1DL:12W (2 lamps) 2x2DL:24W (4 lamps)
Light Source	LED-T8 LED-MR16
Lamp Holder	G13 for LED-T8, GU5.3 for LED-MR16
Colour Temperature	3000/4000/6500K
Lamp Output	2L:L&E : 2x14/16/18W:2x2100 lm LED MR16:6W:2700/4000/6000K:550lm
Luminaire Output	2L: 28/32/36W : 1810 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E:MR16:15,000/T8:25,000/50,000hrs.
Equivalent	28-40W:T5 2x28W/T8 2x36W 50W:MR16 1x6W 100W:MR16 2x6W 200W:MR16 4x6W

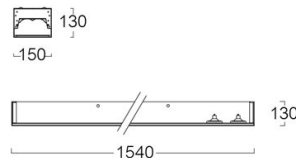
Ordering Data

Model	Watt
LSLIP150/GY/2L/CT+1x1DL(MR16)	28-40W+1X6W
LSLIP150/GY/2L/CT+1x2DL(MR16)	28-40W+2X6W
LSLIP150/GY/2L/CT+2x1DL(MR16)	28-40W+2X6W
LSLIP150/GY/2L/CT+2x2DL(MR16)	28-40W+4X6W

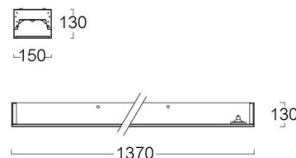
Related Products



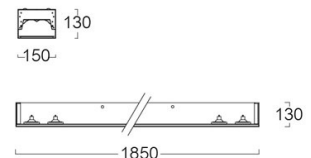
LSLIP150/2L+1x2DL(MR16)



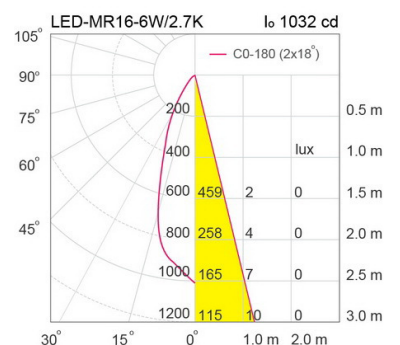
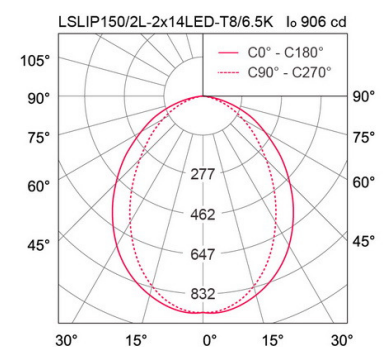
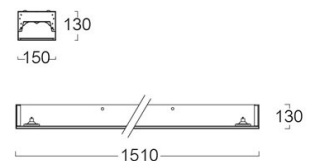
LSLIP150/2L+1x1DL(MR16)



LSLIP150/2L+2x2DL(MR16)



LSLIP150/2L+2x1DL(MR16)



LED Surface Fluorescent



TIS LSSTP300/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

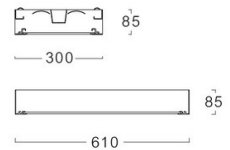
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1360 lm 2L: 28/32/36W : 2720 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

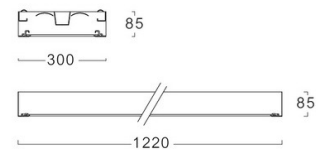
Model	Watt
LSSTP300/2S/MI/PRF/CT-XXLED-T8	16-20W
LSSTP300/2L/MI/PRF/CT-XXLED-T8	28-40W



LSSTP300/2S



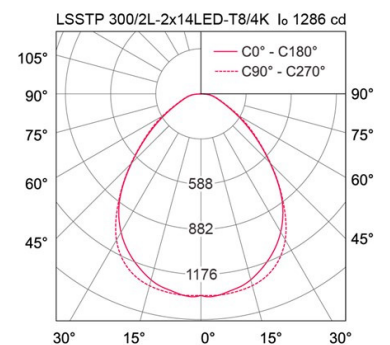
LSSTP300/2L



Related Products



LED-T8



LED Surface Fluorescent



TIS LSSTP600/CT

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

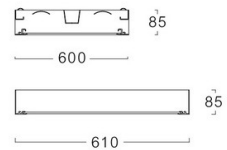
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Prismatic (Opal, stipple, clear) are available as option)
Mounting	Surface
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1590 lm 2L: 28/32/36W : 3180 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

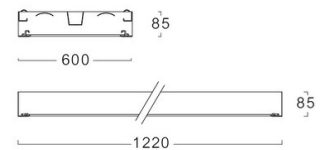
Model	Watt
LSSTP600/2S/MI/PRF/CT-XXLED-T8	16-20W
LSSTP600/2L/MI/PRF/CT-XXLED-T8	28-40W



LSSTP600/2S



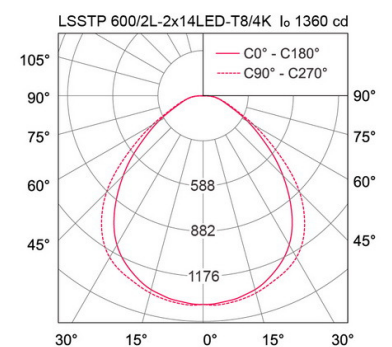
LSSTP600/2L



Related Products



LED-T8



LED Surface Fluorescent



SDLL37

Application

Surfaced downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

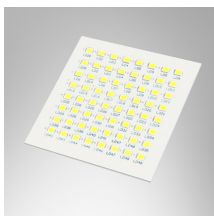
Specification

Housing	Die-cast Aluminium
Finishing	Powder coated in white or black
Mounting	Surface or suspended
Power	10W : 5Lamps 20W : 10Lamps 30W : 15Lamps
Light Source	LED-SMD
Colour Temperature	3000/4000/5000K
CRI	90
Luminaire Output	1110lm(30Degree) : 5Lamps 1790lm(30Degree) : 10Lamps 2622lm(30Degree) : 15Lamps
Beam Angle	15/30/45 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

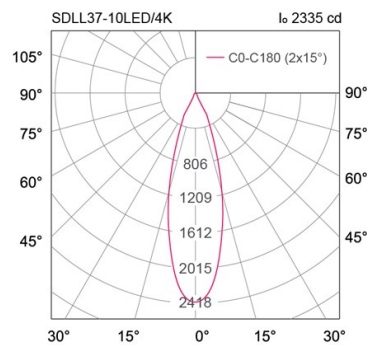
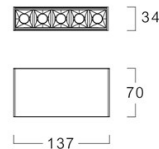
Model	Watt
SDLL37-10LED/5P	10W
SDLL37-20LED/10P	20W
SDLL37-30LED/15P	30W

Related Products

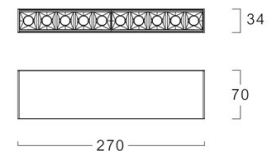


LED-SMD

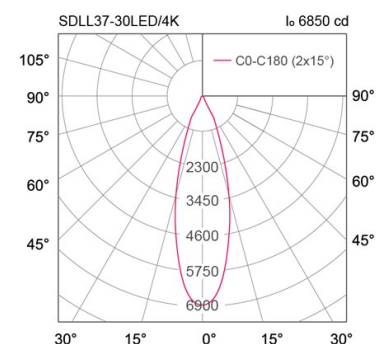
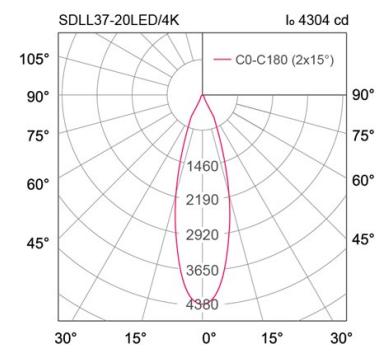
SDLL37-10LED/5P



SDLL37-20LED/10P



SDLL37-30LED/15P



LED Surface Fluorescent



TIS SLLL

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Mirror anodized aluminium
Mounting	Surface
Power	11/16/22/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S: 11W : 1225 lm, 16W : 1800 lm 1L: 22W : 2450 lm, 32W : 3600 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	1S: 11W: T5 1x14W/T8 1x18W 1S: 16W: T5 2x14W/T8 2x18W 1L: 22W: T5 1x28W/T8 1x36W 1L: 32W: T5 2x28W/T8 2x36W

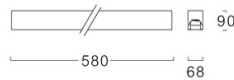
Remarks

Option
1. Luminaire connector (Continued)

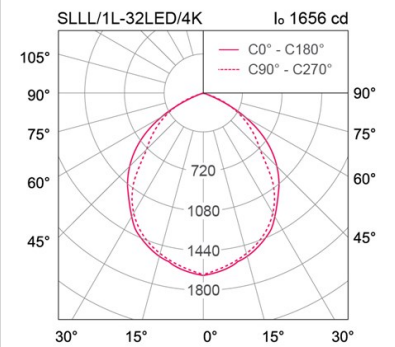
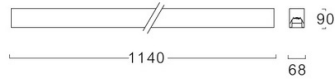
Ordering Data

Model	Watt
SLLL/1S-11LED	11W
SLLL/1S-16LED	16W
SLLL/1L-22LED	22W
SLLL/1L-32LED	32W

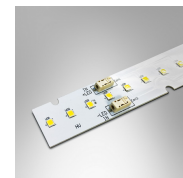
SLLL/1S



SLLL/1L



Related Products



LED Strip Module



Luminaire connector (continued)

TIS SLLL105

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Matt anodized aluminium
Mounting	Surface
Power	16/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S: 16W : 1950 lm 1L: 32W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs
Equivalent	1S: 16W: T5 2x14W/T8 2x18W 1L: 32W: T5 2x28W/T8 2x36W

Remarks

Option
1. Luminaire connector (Continued)

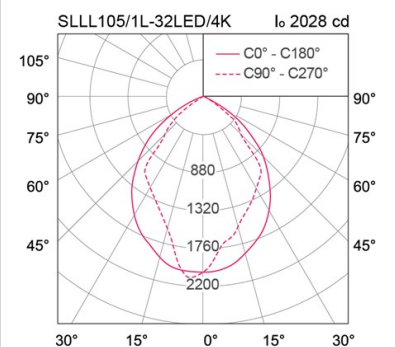
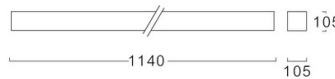
Ordering Data

Model	Watt
SLLL105/1S-16LED	16W
SLLL105/1L-32LED	32W

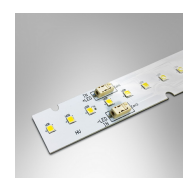
SLLL105/1S



SLLL105/1L



Related Products



LED Strip Module



Luminaire connector (continued)

LED Surface Fluorescent



SLLL105/DL

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

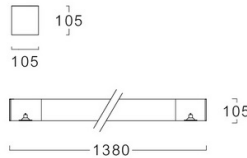
Specification

Housing	Extruded aluminium
Description	This model is unique design comprises of LED Linear lighting fixture plus LED downlight which is available in various options depending on your requirement to suit for variety of applications. Furthermore, this model can easily connect to each other for continuous lighting applications.
Finishing	Powder Coated in grey
Louver	Matt anodized aluminum
Mounting	Surface
Power	32W+LED MR16(for Options)
Light Source	LED Module + LED MR16
Lamp Output	LED MR16 : 6W : 2700/3000K : 550lm LED MR16 : 6W : 4000/6500K : 550 lm
Luminaire Output	1L:32W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	LED MR16 : 6W : 15,000hrs.
Luminaire Lifetime	30,000 hrs.
Equivalent	32W : T5 2x28W/T8 2x36W MR16 : 35-50W

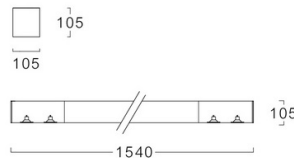
Ordering Data

Model	Watt
SLLL105/1L-32LED+1X1DL(LED MR16)	32W+1X6W
SLLL105/1L-32LED+1X2DL(LED MR16)	32W+2X6W
SLLL105/1L-32LED+2X1DL(LED MR16)	32W+2X6W
SLLL105/1L-32LED+2X2DL(LED MR16)	32W+4X6W

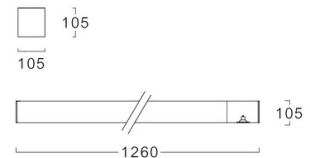
SLLL105/1L+2x1DL(LED MR16)



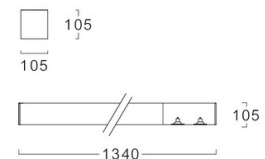
SLLL105/1L+2x2DL(LED MR16)



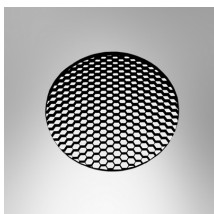
SLLL105/1L+1x1DL(LED MR16)



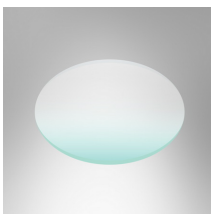
SLLL105/1L+1x2DL(LED MR16)



Related Products



Honey comb



Frosted glass



Anti glare



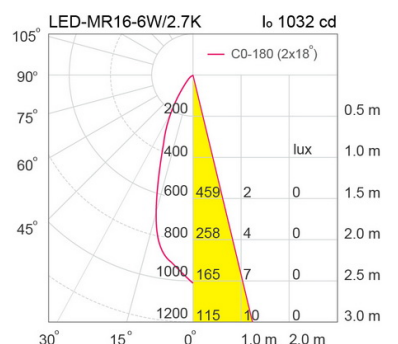
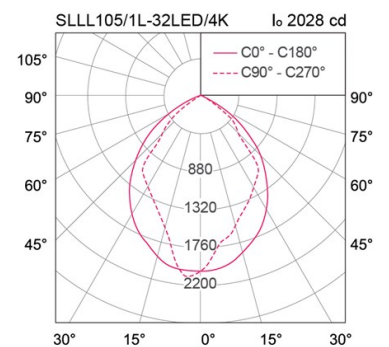
Hood



LED Strip Module



LED MR16



LED Surface Fluorescent



Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

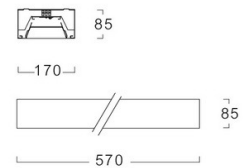
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Louver	Satin matt
Diffuser	Opal Acrylic
Mounting	Surface
Power	18/30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	18W:2000/2000 lm 30W:3400/3400 lm 36W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 30W:T5 2x28W/T8 2x36W 36W:T5 2x28W/T8 2x36W

Ordering Data

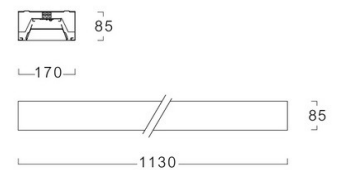
Model	Watt
SLIRL/1S-18LED	18W
SLIRL/1L-30LED	30W
SLIRL/1L-36LED	36W



SLIRL/1S



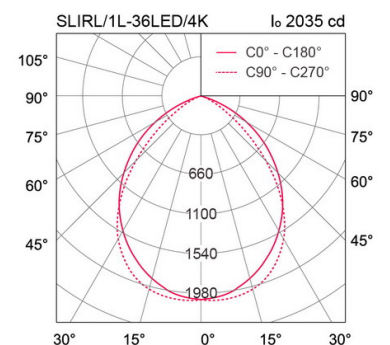
SLIRL/1L



Related Products



LED Strip Module



LED Surface Fluorescent



SSSL300

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

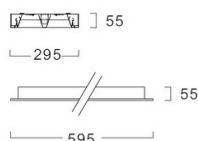
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Diffuser	Opal Acrylic
Mounting	Surface
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W:2000/2000 lm 40W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W:T5 2x14W/T8 2X18W 40W:T5 2x28W/T8 2x36W

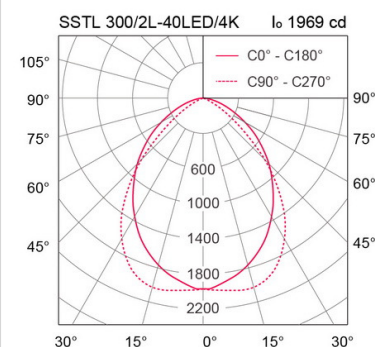
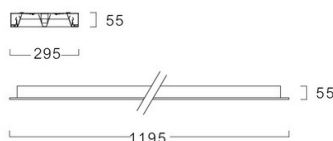
Ordering Data

Model	Watt
SSSL300/2S-20LED	20W
SSSL300/2L-40LED	40W

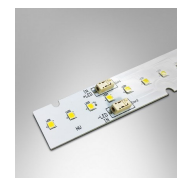
SSSL300/2S



SSSL300/2L



Related Products



LED Strip Module

SSSL600

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

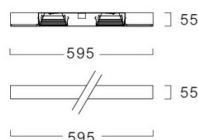
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Diffuser	Opal Acrylic
Mounting	Surface
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W:2000/2000 lm 40W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W:T5 2x14W/T8 2X18W 40W:T5 2x28W/T8 2x36W

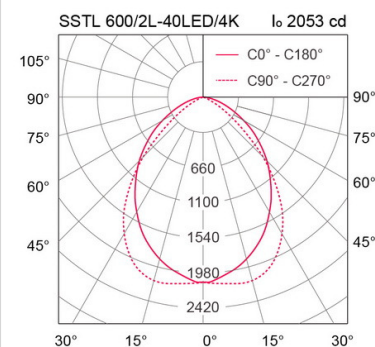
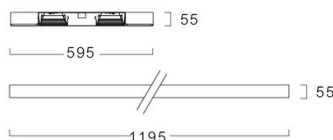
Ordering Data

Model	Watt
SSSL600/2S-20LED	20W
SSSL600/2L-40LED	40W

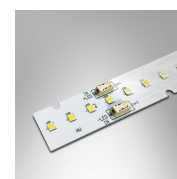
SSSL600/2S



SSSL600/2L



Related Products



LED Strip Module

LED Surface Fluorescent



TIS SWARL40

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Description	Wall washer distribution
Finishing	Powder coated in white, silver, black
Mounting	Surface
Power	30W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	30W : 2800 lm
UGR	<19
Control Gear	Built-in driver
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs. 36W: T5 2x28W/T8 2x36W

Ordering Data

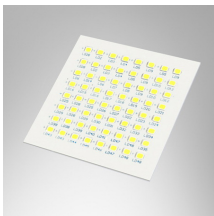
Model	Watt
SWARL40/1L-30LED	30W



SWARL40/1L



Related Products



LED-SMD

LED Surface Fluorescent



Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

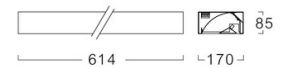
Housing	Die-formed cold roll steel
Description	Wall washer distribution
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Mounting	Surface
Power	11/16/22/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:11W : 960 lm 1S:16W : 1390 lm 1L:22W : 1920 lm 1L:32W : 2780 lm
Control Gear	Built-in driver
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	16W:T5 1x28W/T8 1x36W 32W:T5 2x28W/T8 2x36W

Ordering Data

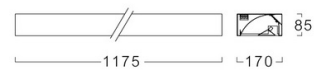
Model	Watt
SWARL/1S-11LED	11W
SWARL/1S-16LED	16W
SWARL/1L-22LED	22W
SWARL/1L-32LED	32W



SWARL/1S



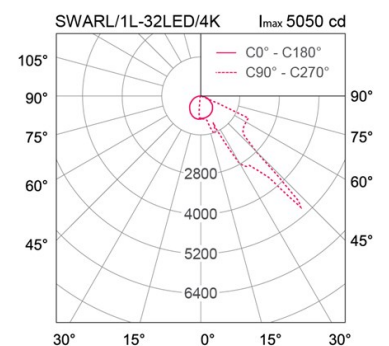
SWARL/1L



Related Products



LED Strip Module



LED Surface Fluorescent



TIS LINE S

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

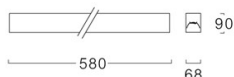
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Surface
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	S60: 11W : 1150 lm, 14W : 1450 lm S60: 16W : 1700 lm, 19W : 1950 lm S120: 22W : 2300 lm, 28W : 2900 lm S120: 32W : 3400 lm, 38W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option: Luminaire connector (Continued)

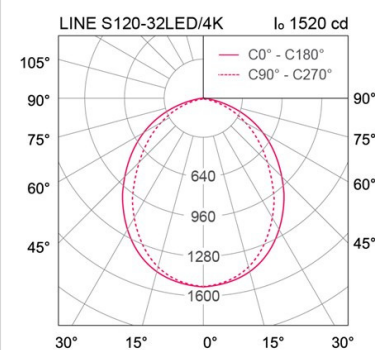
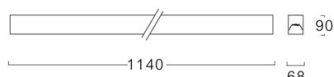
Ordering Data

Model	Watt
LINE S60-11LED	11W
LINE S60-14LED	14W
LINE S60-16LED	16W
LINE S60-19LED	19W
LINE S120-22LED	22W
LINE S120-28LED	28W
LINE S120-32LED	32W
LINE S120-38LED	38W

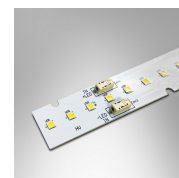
LINE S60



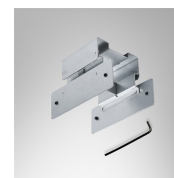
LINE S120



Related Products



LED Strip Module



Luminaire connector (continued)

TIS SLPL105

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

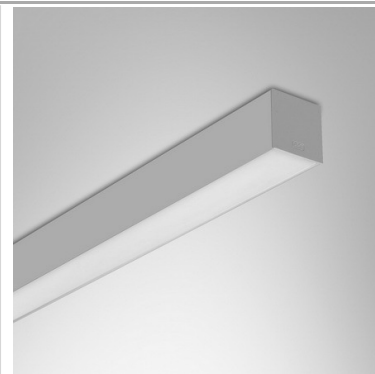
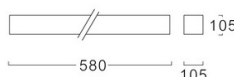
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Surface
Power	16/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S : 16W : 1840 lm 1L : 32W : 3680 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	1S:16W:T5 2x14W/T8 2x18W 1L:32W:T5 2x28W/T8 2x36W
Remarks	Option : Luminaire connector (Continued)

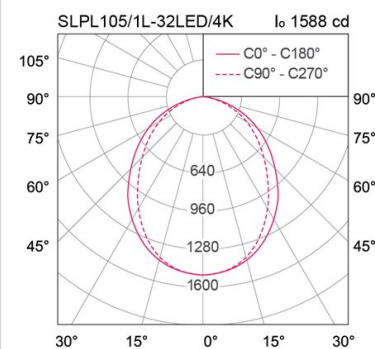
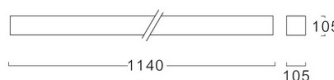
Ordering Data

Model	Watt
SLPL105/1S-16LED	16W
SLPL105/1L-32LED	32W

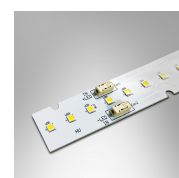
SLPL105/1S



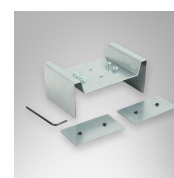
SLPL105/1L



Related Products



LED Strip Module



Luminaire connector (continued)

LED Surface Fluorescent



SLPL105/DL

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing

Extruded aluminium

Description

This model is unique design comprises of LED Linear lighting fixture plus LED downlight which is available in various options depending on your requirement to suit for variety of applications. Furthermore, this model can easily connect to each other for continuous lighting applications.

Finishing

Powder coated in grey

Diffuser

Acrylic (PMMA)

Mounting

Surface

Power

32W+LED MR16(for Options)

Light Source

LED Module + LED MR16

Lamp Output

LED MR16 : 6W : 2700/3000K : 550lm

LED MR16 : 6W : 4000/6500K : 550 lm

Luminaire Output

1L : 32W : 3680 lm

Control Gear

Built-in driver

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

I

IP Rating

20

LED Lifetime

LED MR16 : 6W : 15,000hrs.

Luminaire Lifetime

30,000 hrs.

Equivalent

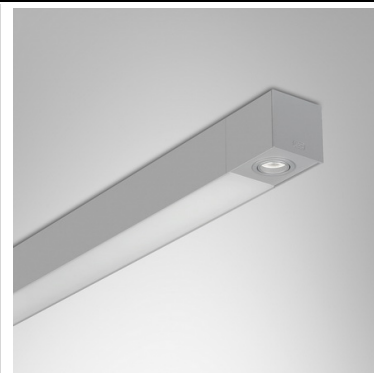
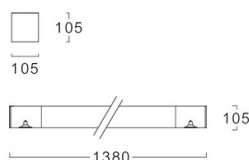
32W : T5 2x28W/T8 2x36W

MR16 : 35-50W

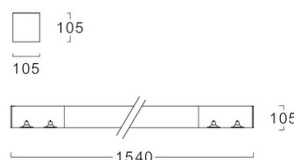
Ordering Data

Model	Watt
SLPL105/1L-32LED+1X1DL(LED MR16)	32W+1X6W
SLPL105/1L-32LED+1X2DL(LED MR16)	32W+2X6W
SLPL105/1L-32LED+2X1DL(LED MR16)	32W+2X6W
SLPL105/1L-32LED+2X2DL(LED MR16)	32W+4X6W

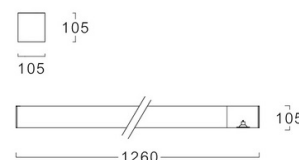
SLPL105/1L+2x1DL(LED MR16)



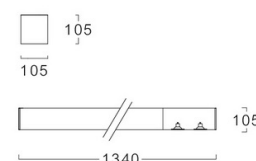
SLPL105/1L+2x2DL(LED MR16)



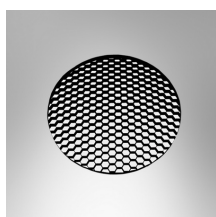
SLPL105/1L+1x1DL(LED MR16)



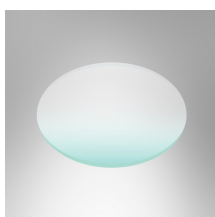
SLPL105/1L+1x2DL(LED MR16)



Related Products



Honey comb



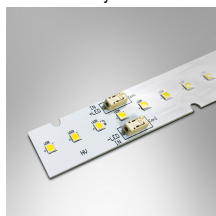
Frosted glass



Anti glare



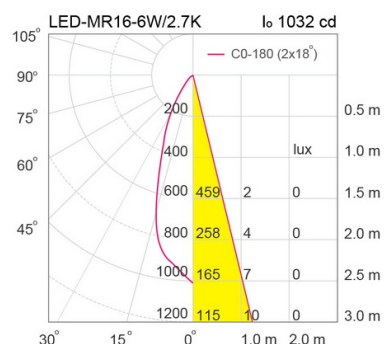
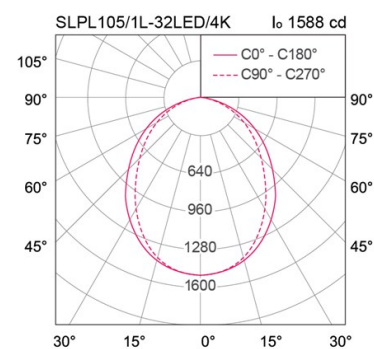
Hood



LED Strip Module



LED MR16



LED Surface Fluorescent



Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

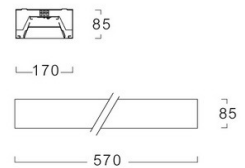
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Opal Acrylic
Mounting	Surface
Power	18/30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	18W:2050/2050 lm 30W:3500/3500 lm 36W:4100/4100 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 30W:T5 2x28W/T8 2x36W 36W:T5 2x28W/T8 2x36W

Ordering Data

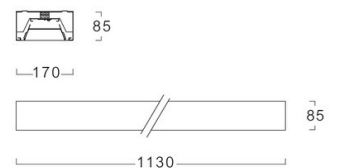
Model	Watt
SLIPL/1S-18LED	18W
SLIPL/1L-30LED	30W
SLIPL/1L-36LED	36W



SLIPL/1S



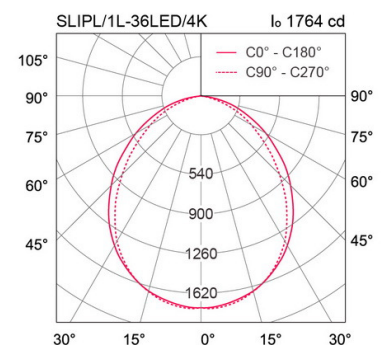
SLIPL/1L



Related Products



LED Strip Module



LED Surface Fluorescent



SSTPL300

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

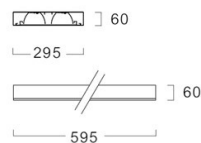
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Surface
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W: 2000/2000 lm 40W: 4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W: T5 2x14W/T8 2x18W 40W: T5 2x28W/T8 2x36W

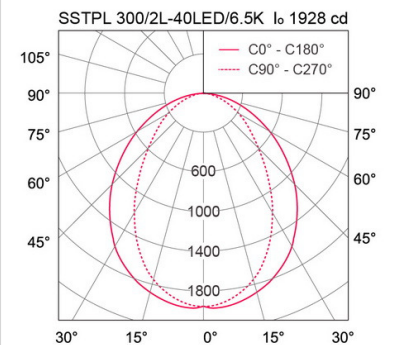
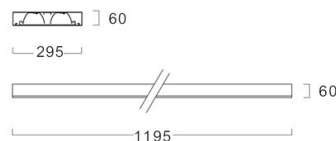
Ordering Data

Model	Watt
SSTPL300/2S-20LED	20W
SSTPL300/2L-40LED	40W

SSTPL300/2S



SSTPL300/2L



Related Products



LED Strip Module

SSTPL600

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

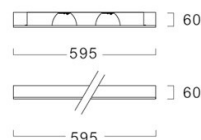
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Surface
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W: 2000/2000 lm 40W: 4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W: T5 2x14W/T8 2x18W 40W: T5 2x28W/T8 2x36W

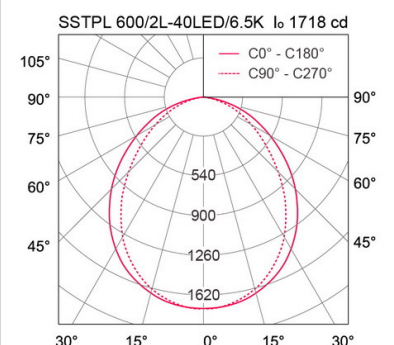
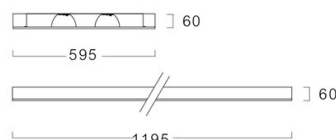
Ordering Data

Model	Watt
SSTPL600/2S-20LED	20W
SSTPL600/2L-40LED	40W

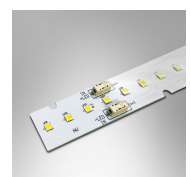
SSTPL600/2S



SSTPL600/2L



Related Products



LED Strip Module

LED Surface Fluorescent



SMQL300

Application

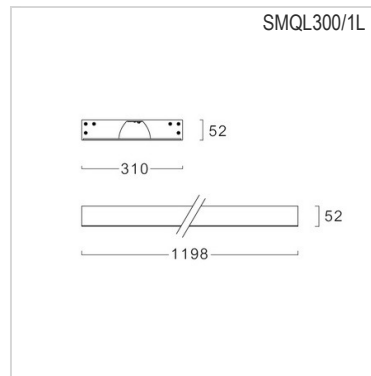
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

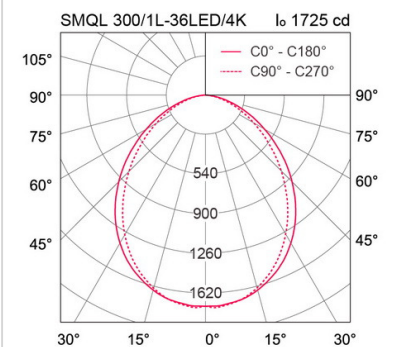
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Surface
Power	36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
SMQL300/1L-36LED	36W



Related Products



Surface Mounted Fixture



LED Strip Module

SMQL600

Application

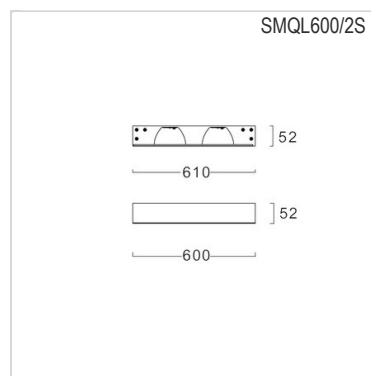
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

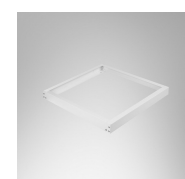
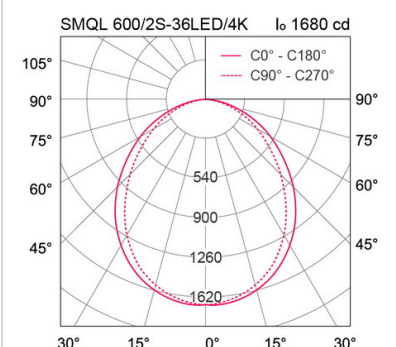
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Surface
Power	36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
SMQL600/2S-36LED	36W



Related Products



Surface Mounted Fixture



LED Strip Module

LED Surface Fluorescent



SLPL90D

Application

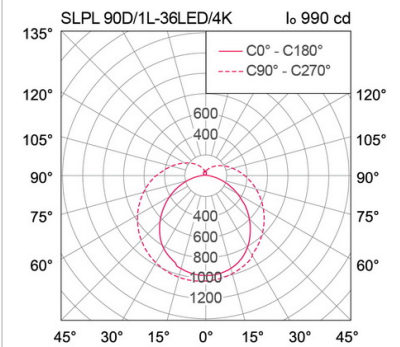
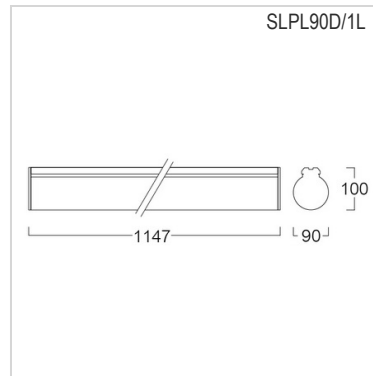
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Excellent transmission opal acrylic
Mounting	Surface
Power	36W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	1L:36W : 4140 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	54
LED Lifetime	30,000 hrs.
Equivalent	36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
SLPL90D/1L-36LED	36W



LED Surface Fluorescent



TIS SPEL/UGR

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

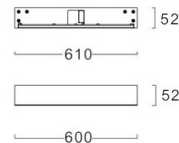
Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Opal Acrylic
Mounting	Surface
Power	36W
Light Source	LED Module
Colour Temperature	4000/6000K
Luminaire Output	4000/4000 lm
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

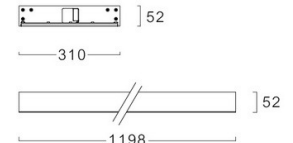
Model	Watt
SPEL300/L/UGR19-36LED	36W
SPEL600/S/UGR19-36LED	36W



SPEL600/S



SPEL300/L



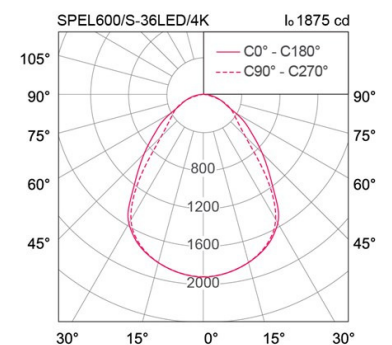
Related Products



Surface for SPEL300/L



Surface for SPEL600/S



LED Fluorescent High Bay



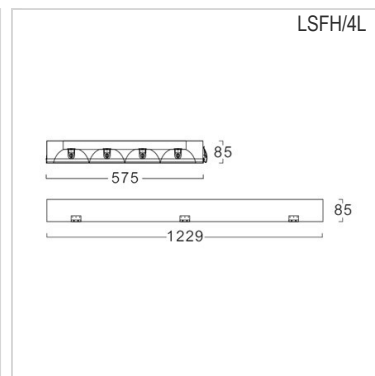
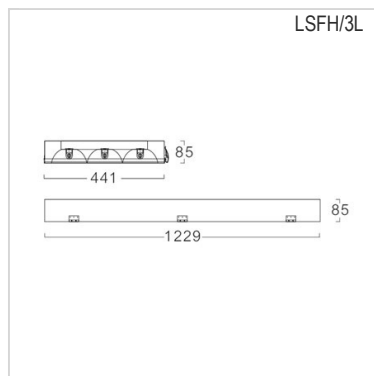
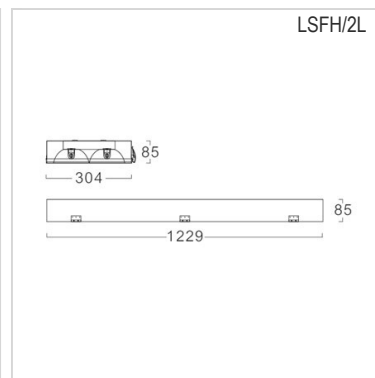
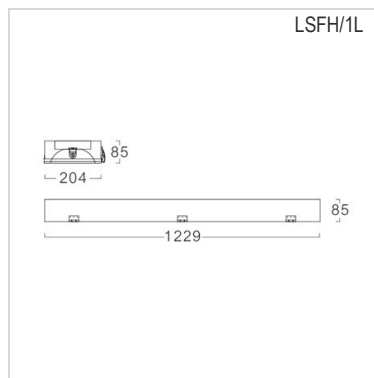
LSFH(WIRE GUARD)/CT

Specification

Housing	Die-formed cold roll steel
Description	Reflector type MI : Mirror anodized aluminium SMI : Super mirror anodized aluminium WR : White finish
Finishing	Powder coated in white
Louver	Wire Guard
Mounting	Surface
Power	1L : 23W (1 lamp) 2L : 46W (2 lamps) 3L : 69W (3 lamps) 4L : 92W (4 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1L: L&E : 1x23W : 1x3700 lm 2L: L&E : 2x23W : 2x3700 lm 3L: L&E : 3x23W : 3x3700 lm 4L: L&E : 4x23W : 4x3700 lm
Luminaire Output	1L: L&E : 23W : 3269 lm 2L: L&E : 46W : 6538 lm 3L: L&E : 69W : 9807 lm 4L: L&E : 92W : 13076 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E : 50,000 hrs.
Equivalent	23W : T5 1x54W 46W : T5 2x54W 69W : T5 3x54W 92W : T5 4x54W

Ordering Data

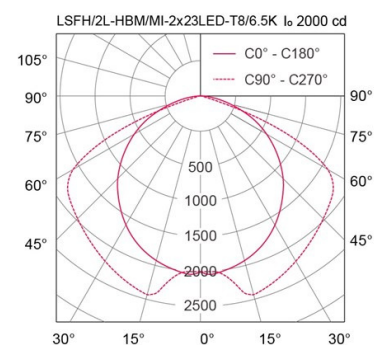
Model	Watt
LSFH/1L-HBM/MI/T8(Wire Guard)/CT-XXLED-T8	23W
LSFH/1L-HBM/SMI/T8(Wire Guard)/CT-XXLED-T8	23W
LSFH/1L-HBM/WR/T8(Wire Guard)/CT-XXLED-T8	23W
LSFH/2L-HBM/MI/T8(Wire Guard)/CT-XXLED-T8	46W
LSFH/2L-HBM/SMI/T8(Wire Guard)/CT-XXLED-T8	46W
LSFH/2L-HBM/WR/T8(Wire Guard)/CT-XXLED-T8	46W
LSFH/3L-HBM/MI/T8(Wire Guard)/CT-XXLED-T8	69W
LSFH/3L-HBM/SMI/T8(Wire Guard)/CT-XXLED-T8	69W
LSFH/3L-HBM/WR/T8(Wire Guard)/CT-XXLED-T8	69W
LSFH/4L-HBM/MI/T8(Wire Guard)/CT-XXLED-T8	92W
LSFH/4L-HBM/SMI/T8(Wire Guard)/CT-XXLED-T8	92W
LSFH/4L-HBM/WR/T8(Wire Guard)/CT-XXLED-T8	92W



Related Products



LED-T8



LED Fluorescent High Bay



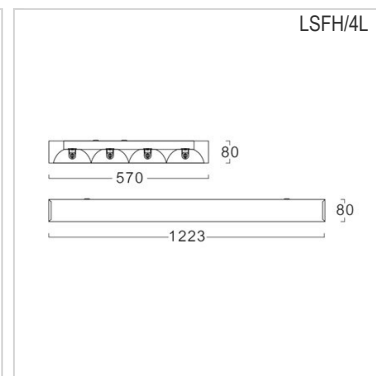
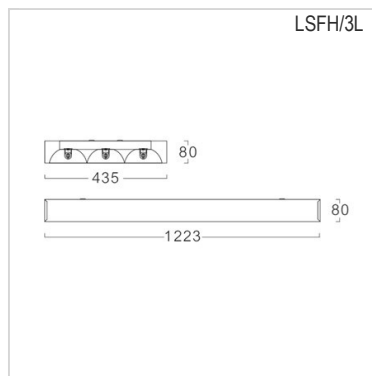
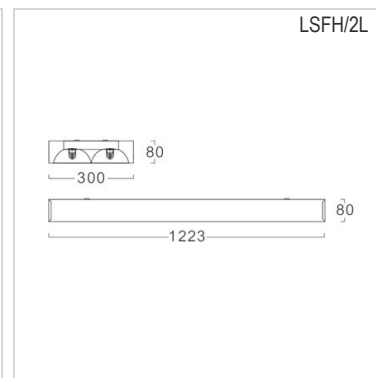
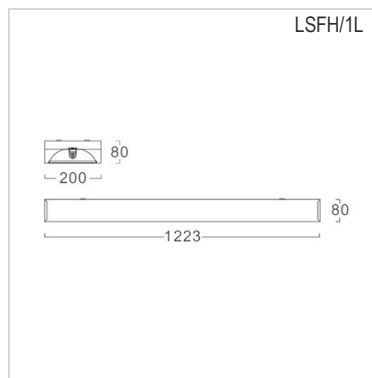
LSFH(WO LOUVER)/CT

Specification

Housing	Die-formed cold roll steel
Description	Reflector type MI : Mirror anodized aluminium SMI : Super mirror anodized aluminium WR : White finish
Finishing	Powder coated in white
Mounting	Surface
Power	1L : 23W (1 lamp) 2L : 46W (2 lamps) 3L : 69W (3 lamps) 4L : 92W (4 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1L: L&E : 1x23W : 1x3700 lm 2L: L&E : 2x23W : 2x3700 lm 3L: L&E : 3x23W : 3x3700 lm 4L: L&E : 4x23W : 4x3700 lm
Luminaire Output	1L: L&E : 23W : 3332 lm 2L: L&E : 46W : 6664 lm 3L: L&E : 69W : 9996 lm 4L: L&E : 92W : 13328 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E : 50,000 hrs.
Equivalent	23W : T5 1x54W 46W : T5 2x54W 69W : T5 3x54W 92W : T5 4x54W

Ordering Data

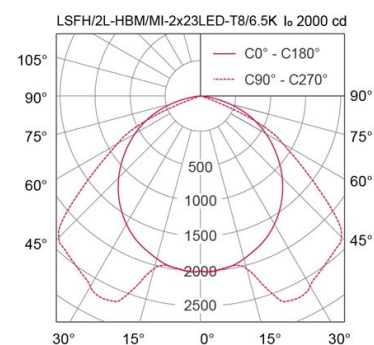
Model	Watt
LSFH/1L-HBM/MI/T8(w/o Louver)/CT-XXLED-T8	23W
LSFH/1L-HBM/SMI/T8(w/o Louver)/CT-XXLED-T8	23W
LSFH/1L-HBM/WR/T8(w/o Louver)/CT-XXLED-T8	23W
LSFH/2L-HBM/MI/T8(w/o Louver)/CT-XXLED-T8	46W
LSFH/2L-HBM/SMI/T8(w/o Louver)/CT-XXLED-T8	46W
LSFH/2L-HBM/WR/T8(w/o Louver)/CT-XXLED-T8	46W
LSFH/3L-HBM/MI/T8(w/o Louver)/CT-XXLED-T8	69W
LSFH/3L-HBM/SMI/T8(w/o Louver)/CT-XXLED-T8	69W
LSFH/3L-HBM/WR/T8(w/o Louver)/CT-XXLED-T8	69W
LSFH/4L-HBM/MI/T8(w/o Louver)/CT-XXLED-T8	92W
LSFH/4L-HBM/SMI/T8(w/o Louver)/CT-XXLED-T8	92W
LSFH/4L-HBM/WR/T8(w/o Louver)/CT-XXLED-T8	92W



Related Products



LED-T8



LED Fluorescent High Bay



TIS SFHL

Application

This fixture is designed for warehouse, garages, storage areas, maintenance areas, production areas, etc.

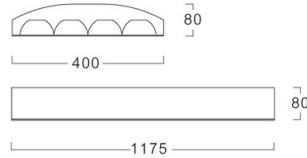
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Clear
Mounting	Surface & Suspended
Power	80/120/160W
Light Source	LED Strip Module
Colour Temperature	6500K
Luminaire Output	80W:9500 lm 120W:14250 lm 160W:19000 lm
Control Gear	Built-in driver
Power Factor	> 0.9
Insulation Class	I
IP Rating	54
Luminaire Lifetime	50,000 hrs.
Equivalent	80W:T5 2x54W 120W:T5 3x54W 160W:T5 4x54W

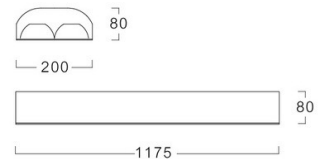
Ordering Data

Model	Watt
SFHL/2L-80LED	80W
SFHL/3L-120LED	120W
SFHL/4L-160LED	160W

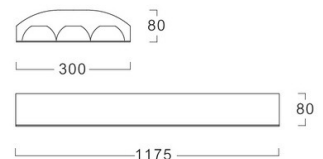
SFHL/4L



SFHL/2L



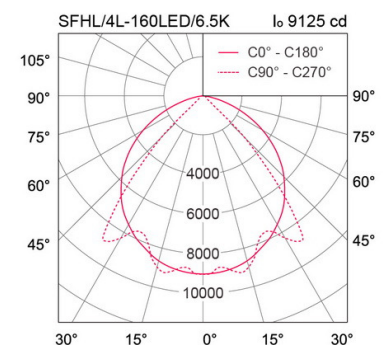
SFHL/3L



Related Products



LED Strip Module



LED Fluorescent High Bay



TIS SFHL/LENS

Application

This fixture is designed for warehouse, garages, storage areas, maintenance areas, production areas, etc.

Specification

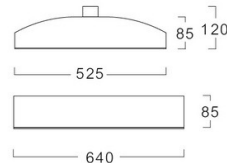
Housing	Die-formed cold roll steel
Finishing	Powder coated in black (white as option)
Lens	Narrow beam (HBN) Medium beam (HBM) Wide beam (HBW)
Mounting	Surface & Suspended
Power	80/120/160W
Light Source	LED Linear module
Colour Temperature	6500K
Luminaire Output	80W: 11000 lm 120W: 16200 lm 160W: 22000 lm
Control Gear	Built-in driver
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	80W: T5 3x54W 120W: T5 4x54W 160W: T5 5x54W

Ordering Data

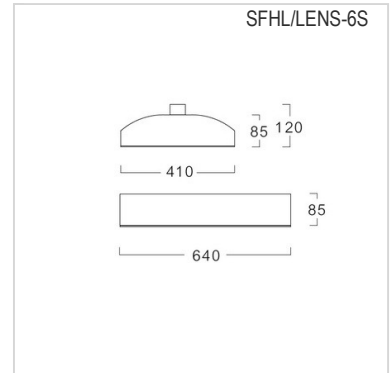
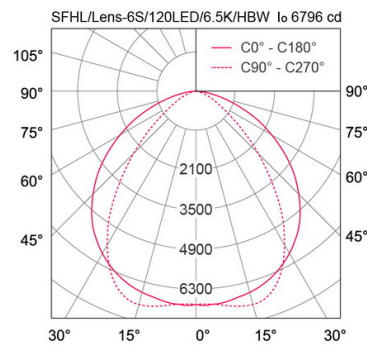
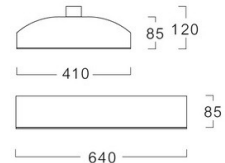
Model	Watt
SFHL/LENS/4S-80LED	80W
SFHL/LENS/6S-120LED	120W
SFHL/LENS/8S-160LED	160W



SFHL/LENS-8S

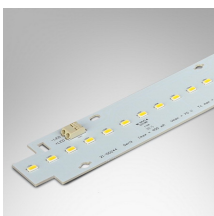


SFHL/LENS-4S

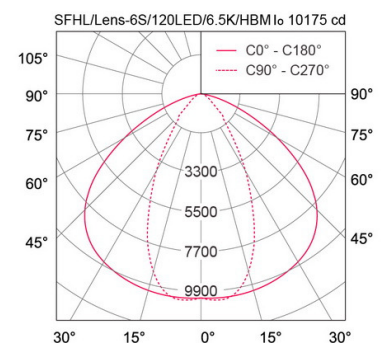
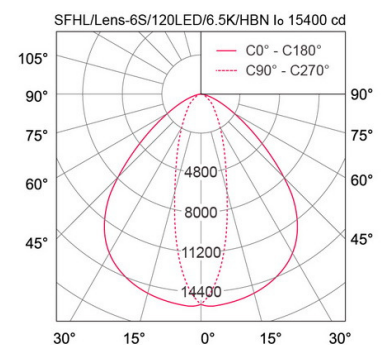


SFHL/LENS-6S

Related Products



LED Linear Module



LED Recessed Fluorescent



LRL/CT

Application

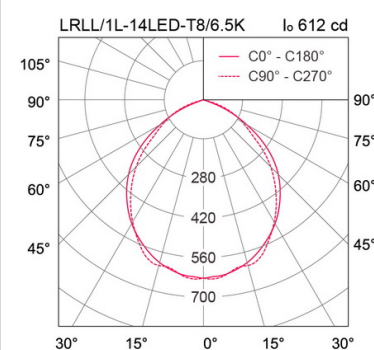
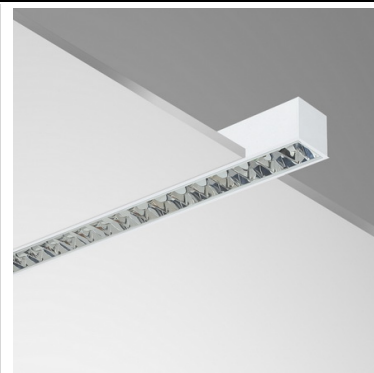
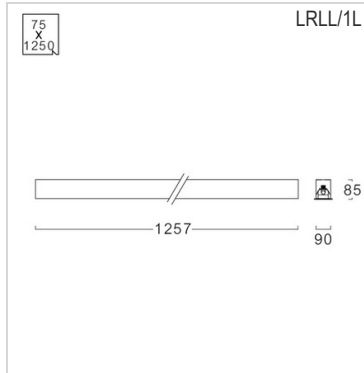
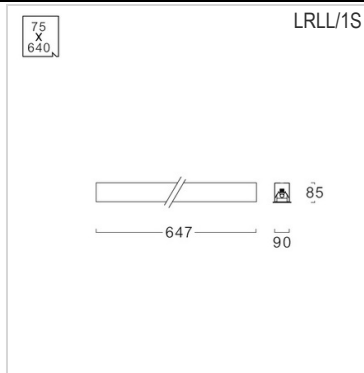
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Louver	Mirror anodized aluminium
Mounting	Recessed
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W: 1050 lm 1L: L&E : 14/16/18W: 2100 lm
Luminaire Output	1S : 8/9W : 720 lm 1L : 14/16/18W : 1445 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

Ordering Data

Model	Watt
LRL/1S/CT-XXLED-T8	8-9W
LRL/1L/CT-XXLED-T8	14-18W



Related Products



LED-T8

LRL105/CT

Application

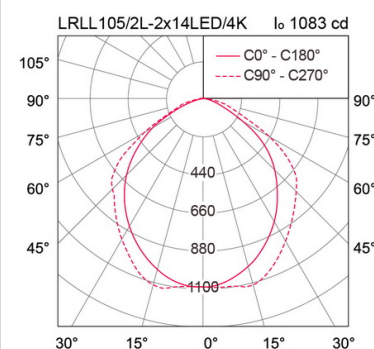
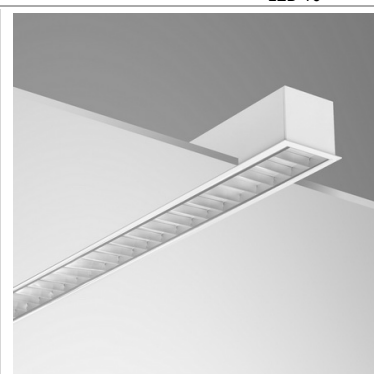
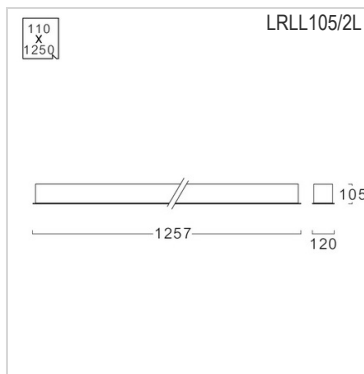
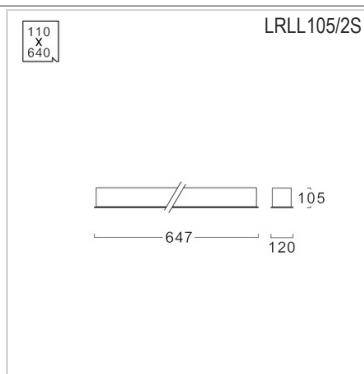
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Louver	Matt anodized aluminium
Mounting	Recessed
Power	2S: 16-18W (2 lamps) 2L: 28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S : 16/18W : 1370 lm 2L : 28/32/36W : 2742 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-18W: T5 2x14W/T8 2x18W 28-36W: T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
LRL105/2S/CT-XXLED-T8	16-18W
LRL105/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8

LED Recessed Fluorescent



TIS LRLIR/CT

Application

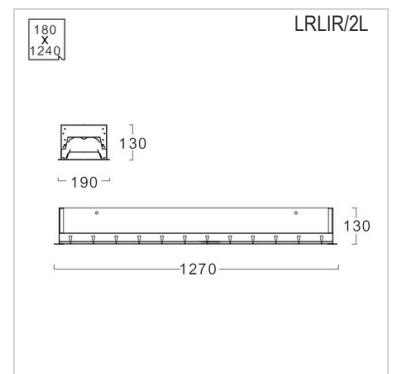
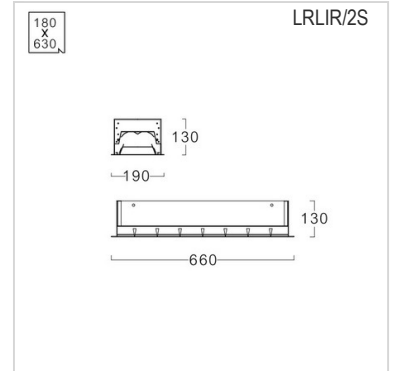
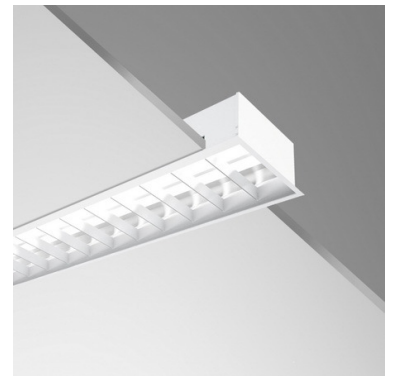
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Matt
Louver	Matt
Mounting	Recessed
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1375 lm 2L: 28/32/36W : 2750 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-20W:T5 2x14W/T8 2x18W 28-40W:T5 2x28W/T8 2x36W

Ordering Data

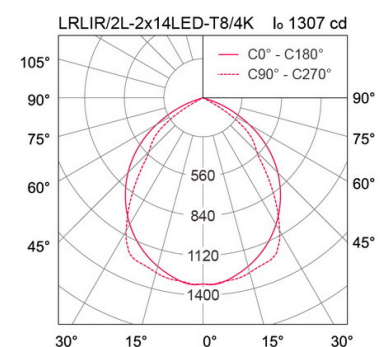
Model	Watt
LRLIR/2S/CT-XXLED-T8	16-20W
LRLIR/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



TIS LRST300/CT

Application

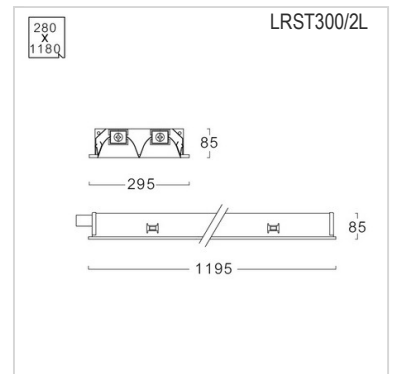
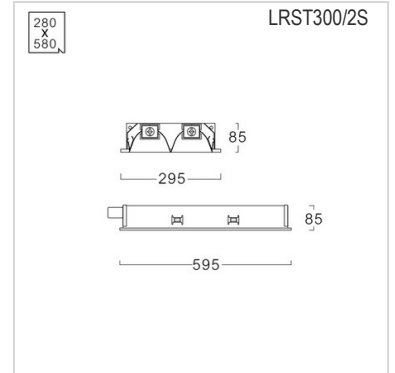
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1720 lm 2L: 28/32/36W : 3440 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

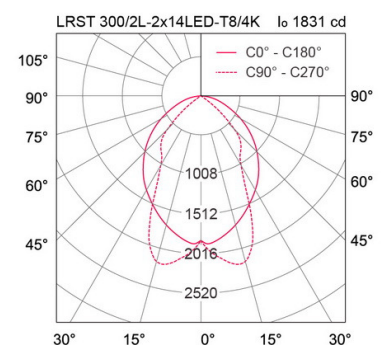
Model	Watt
LRST300/2S/CT-XXLED-T8	16-20W
LRST300/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



LRST600/CT

Application

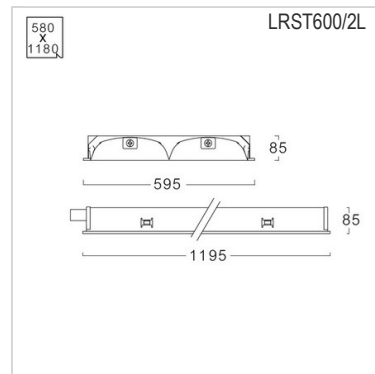
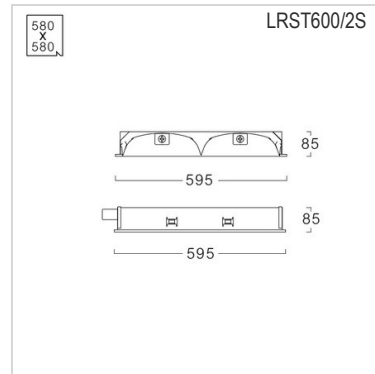
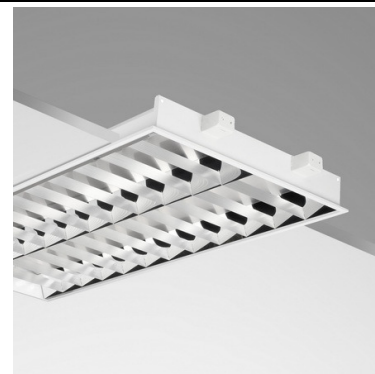
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Cristmas tree profiled cross vanes
Mounting	Recessed
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1740 lm 2L: 28/32/36W : 3480 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-20W:T5 2x14W/T8 2x18W 28-40W:T5 2x28W/T8 2x36W

Ordering Data

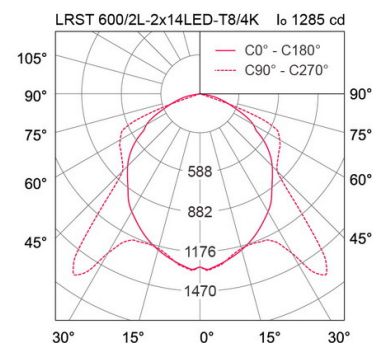
Model	Watt
LRST600/2S/CT-XXLED-T8	16-20W
LRST600/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



LRST300/SPM/CT

Application

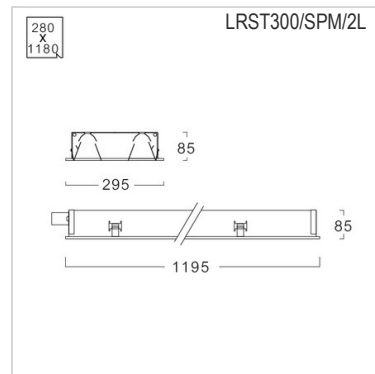
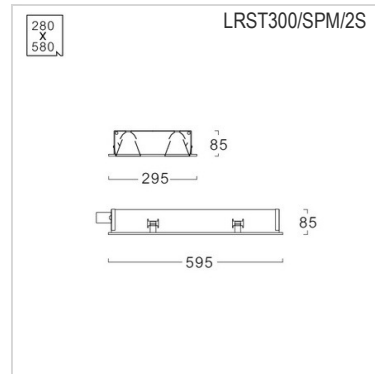
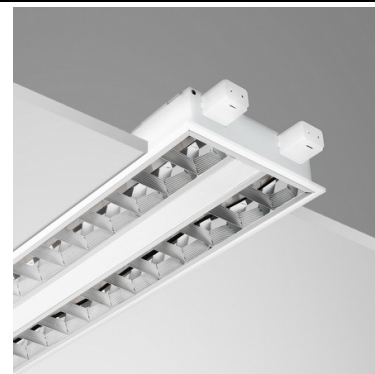
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1388 lm 2L: 28/32/36W : 2775 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

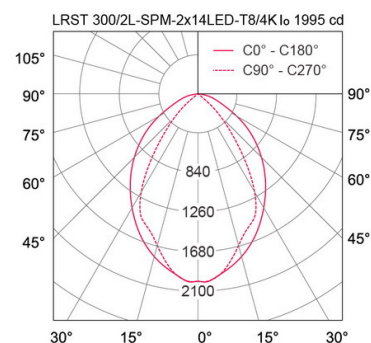
Model	Watt
LRST300/SPM/2S/CT-XXLED-T8	16-20W
LRST300/SPM/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



LRST600/SPM/CT

Application

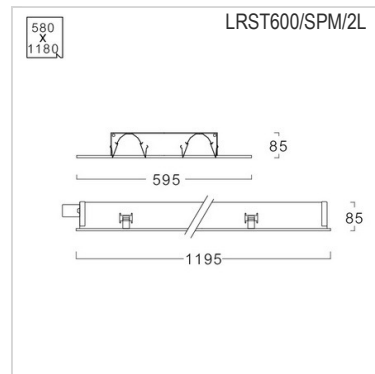
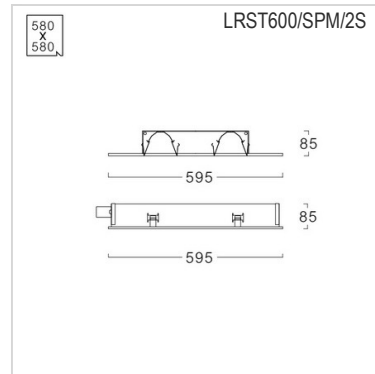
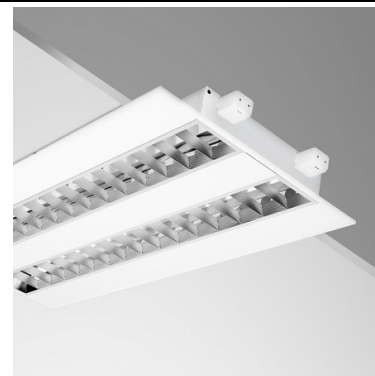
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Cristmas tree profiled cross vanes
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1570 lm 2L: 28/32/36W : 3140 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

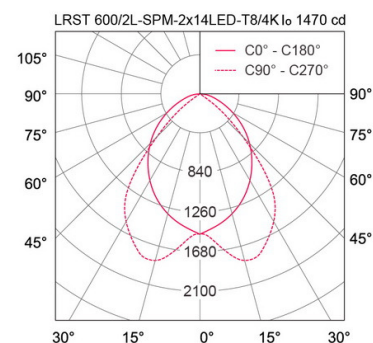
Model	Watt
LRST600/SPM/2S/CT-XXLED-T8	16-20W
LRST600/SPM/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



LRST300-TPA/CT

Application

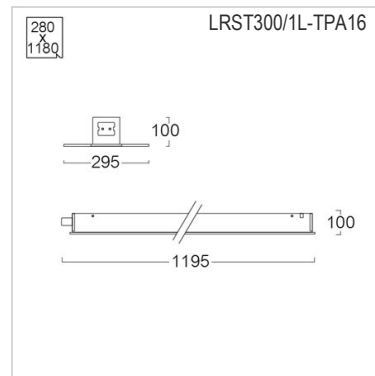
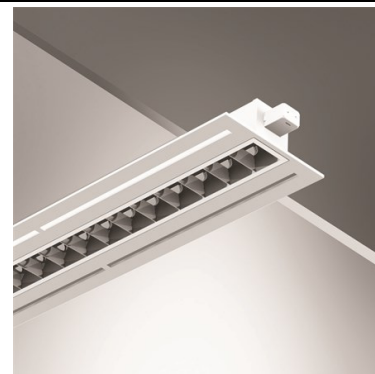
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium
Mounting	Recessed
Power	1L:14-20W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1L:L&E : 1x14/16/18W:1x2100 lm
Luminaire Output	1L: 14/16/18W : 1060 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	14-20W:T5 1x28W/T8 1x36W

Ordering Data

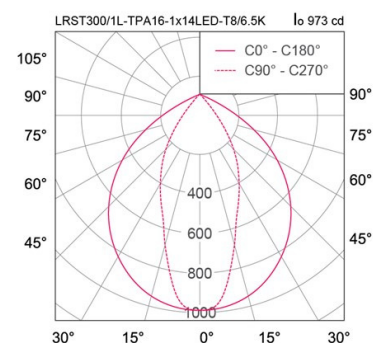
Model	Watt
LRST300/1L-TPA16(2AirReturn15)/MI/MI/CT-XXLED-T8	14-20W



Related Products



LED-T8



LED Recessed Fluorescent



TIS LRST600/PA/CT

Application

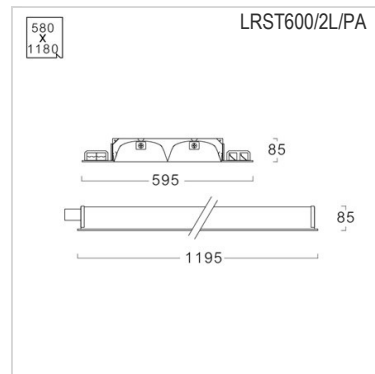
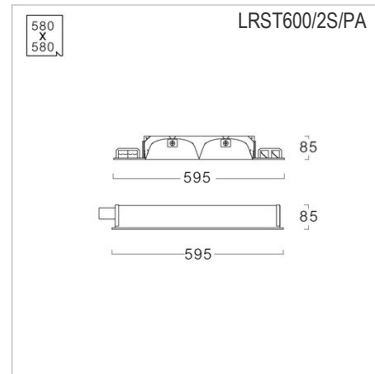
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1695 lm 2L: 28/32/36W : 3390 lm
Power Supply	220VAC 50Hz
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W
Remarks	S: Blade 5 pcs (6 Cells per lamp) L: Blade 11 pcs (12 Cells per lamp)

Ordering Data

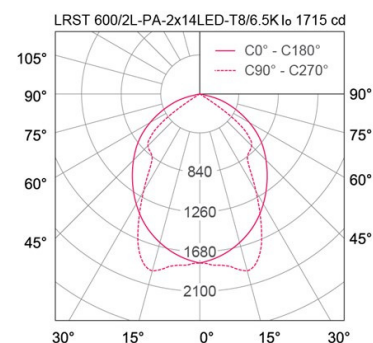
Model	Watt
LRST600/2S/PA(2Air Return)/CT-XXLED-T8	16-20W
LRST600/2S/PA(2Air Supply)/CT-XXLED-T8	16-20W
LRST600/2S/PA(Return&Supply)/CT-XXLED-T8	16-20W
LRST600/2L/PA(2Air Return)/CT-XXLED-T8	28-40W
LRST600/2L/PA(2Air Supply)/CT-XXLED-T8	28-40W
LRST600/2L/PA(Return&Supply)/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



TIS LRDILP600/CT

Application

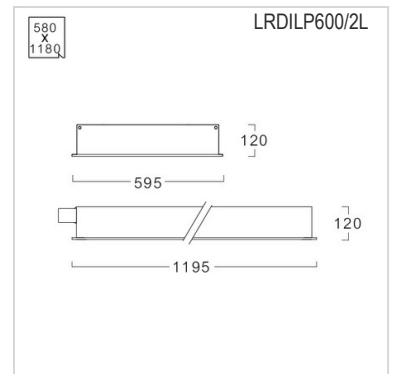
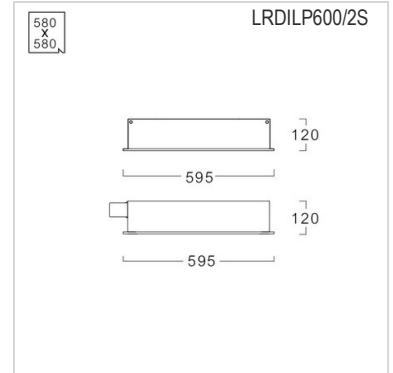
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Steel white finish
Louver	Matt finish and perforated steel
Mounting	Recessed
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1385 lm 2L: 28/32/36W : 2770 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-20W:T5 2x14W/T8 2x18W 28-40W:T5 2x28W/T8 2x36W

Ordering Data

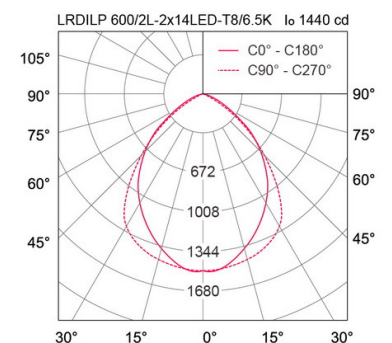
Model	Watt
LRDILP600/2S/WR/SA(PF)/T8/Air Return/CT-XXLED-T8	16-20W
LRDILP600/2L/WR/SA(PF)/T8/Air Return/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



TIS LRWAR/CT

Application

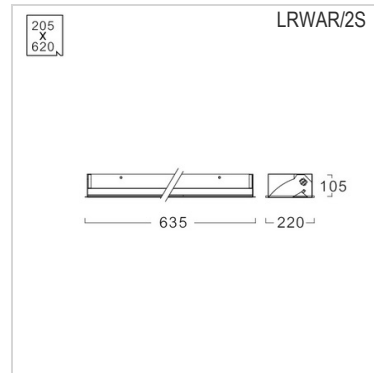
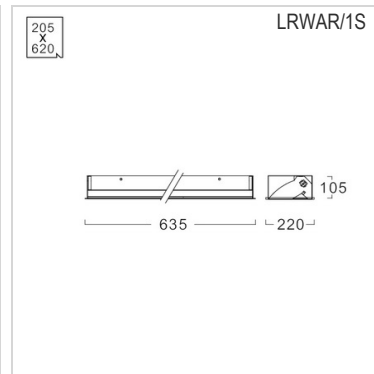
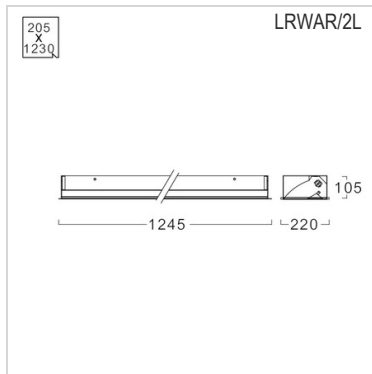
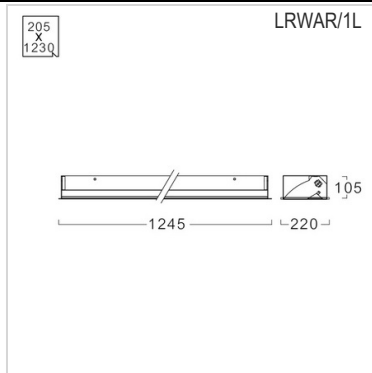
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Mounting	Recessed
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 2S:L&E : 2x8/9W:2x1050 lm 1L:L&E : 14/16/18W:2100 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S : 8/9W : 745 lm 1L : 14/16/18W : 1490 lm 2S : 16/18W : 1480 lm 2L : 28/32/36W : 2970 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

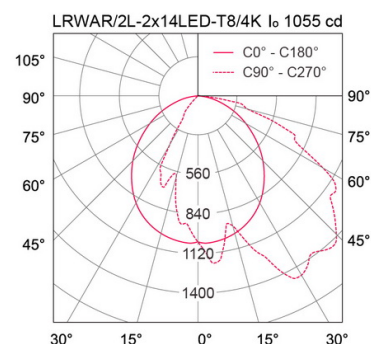
Model	Watt
LRWAR/1S/CT-XXLED-T8	8-9W
LRWAR/1L/CT-XXLED-T8	14-18W
LRWAR/2S/CT-XXLED-T8	16-18W
LRWAR/2L/CT-XXLED T8	28-36W



Related Products



LED-T8



LED Recessed Fluorescent



LRLP/CT

Application

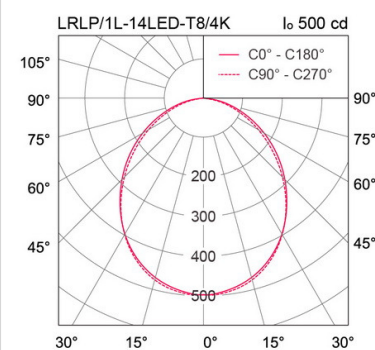
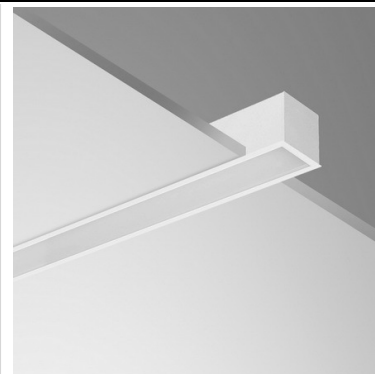
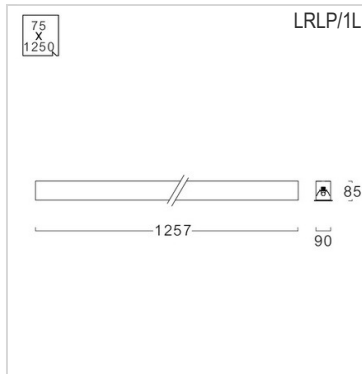
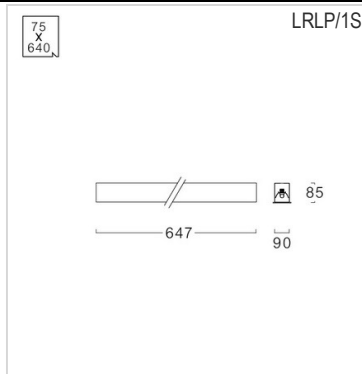
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Acrylic (PMMA)
Mounting	Recessed
Power	1S: 8-9W (1 lamp) 1L: 14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S: L&E : 8/9W : 1050 lm 1L: L&E : 14/16/18W : 2100 lm
Luminaire Output	1S : 8/9W : 645 lm 1L : 14/16/18W : 1290 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	8-9W: T5 1x14W/T8 1x18W 14-18W: T5 1x28W/T8 1x36W

Ordering Data

Model	Watt
LRLP/1S/CT-XXLED-T8	8-9W
LRLP/1L/CT-XXLED-T8	14-18W



Related Products



LED-T8

LRLP105/CT

Application

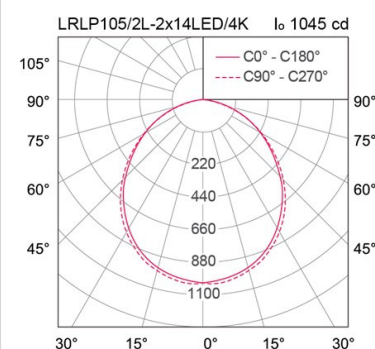
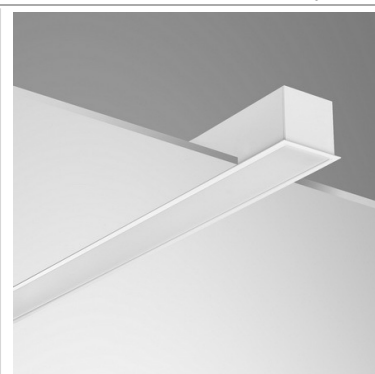
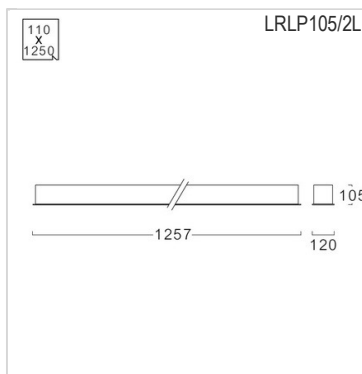
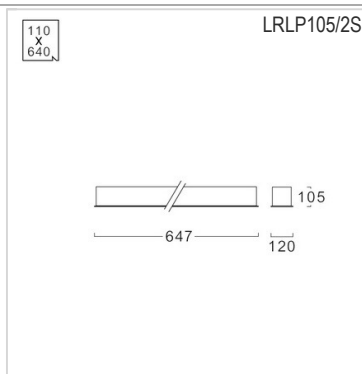
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Acrylic (PMMA)
Mounting	Recessed
Power	2S: 16-18W (2 lamps) 2L: 28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W : 2x1050 lm 2L: L&E : 2x14/16/18W : 2x2100 lm
Luminaire Output	2S : 16/18W : 1260 lm 2L : 28/32/36W : 2520 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-18W: T5 2x14W/T8 2x18W 28-36W: T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
LRLP105/2S/CT-XXLED-T8	16-18W
LRLP105/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8

LED Recessed Fluorescent



TIS LRDIL/CT

Application

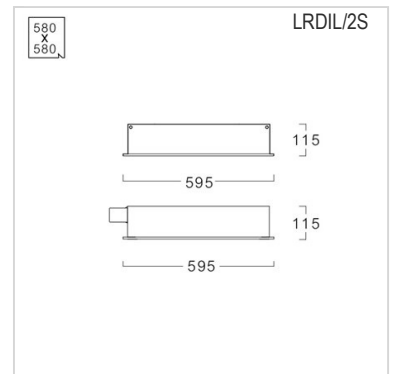
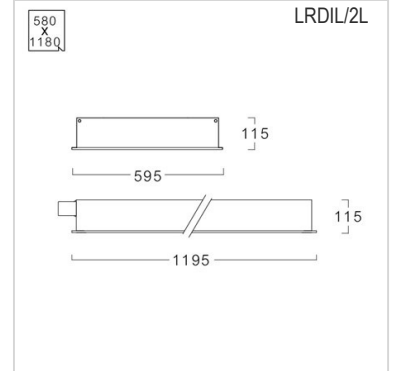
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Steel white finish
Louver	Matt finish
Mounting	Recessed
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1375 lm 2L: 28/32/36W : 2750 lm
Power Supply	220VAC 50Hz
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-20W:T5 2x14W/T8 2x18W 28-40W:T5 2x28W/T8 2x36W

Ordering Data

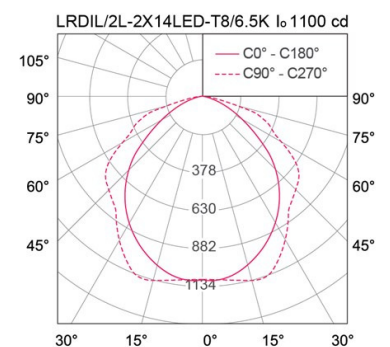
Model	Watt
LRDIL/2S/CT-XXLED-T8	16-20W
LRDIL/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



 TIS LRDIP/CT

Application

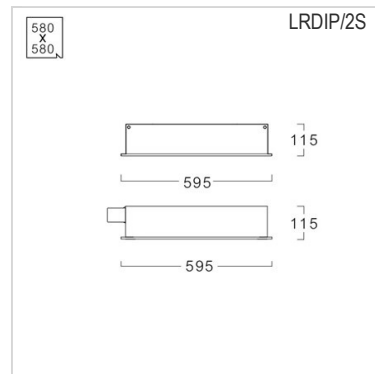
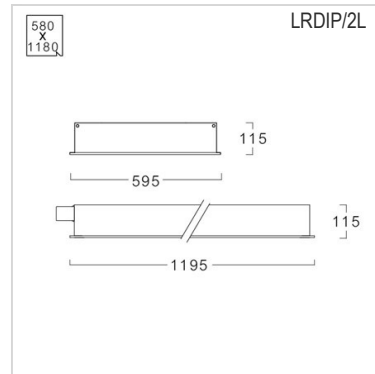
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Steel white finish
Louver	Perforated steel
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1000 lm 2L: 28/32/36W : 2000 lm
Power Supply	220VAC 50Hz
IP Rating	20
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

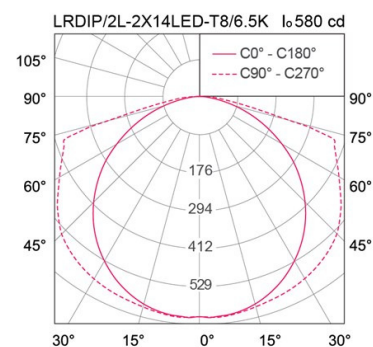
Model	Watt
LRDIP/2S/CT-XXLED-T8	16-20W
LRDIP/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



TIS LRLIP/CT

Application

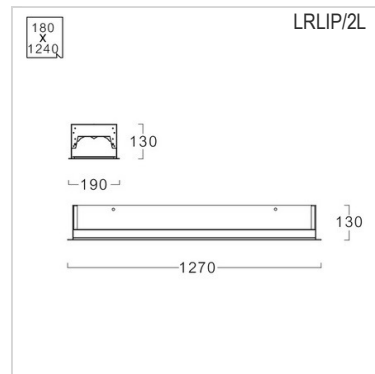
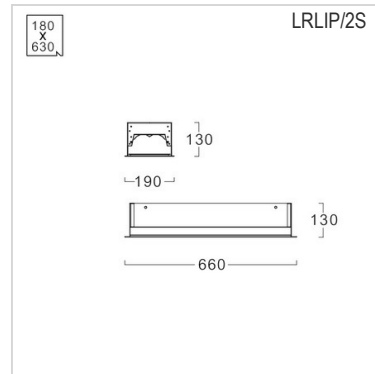
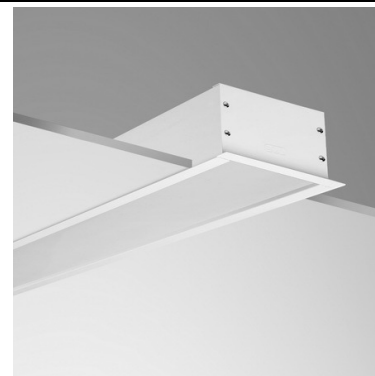
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Recessed
Power	2S:16-20W (2 lamps) 2L:28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S: 16/18W : 1338 lm 2L: 28/32/36W : 2675 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 36W:T5 2x28W/T8 2x36W

Ordering Data

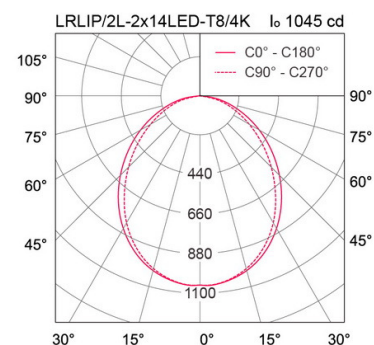
Model	Watt
LRLIP/2S/CT-XXLED-T8	16-20W
LRLIP/2L/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



TIS LRLIP/DL/CT

Application

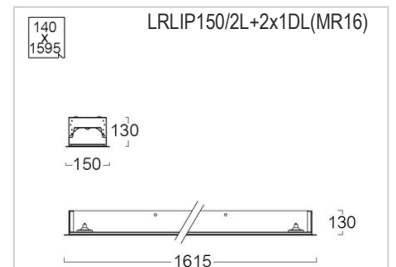
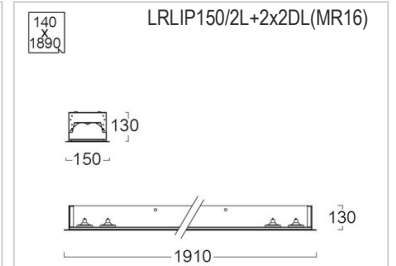
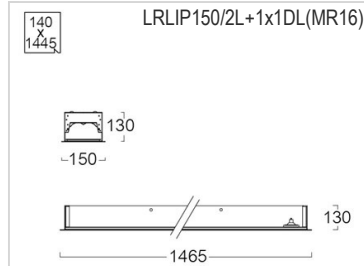
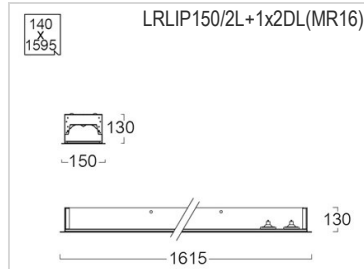
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

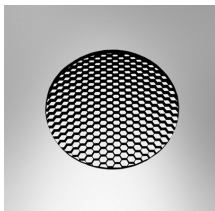
Housing	Die-formed cold roll steel
Finishing	Powder coated in grey (white as option)
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Recessed
Power	2L:28-40W (2 lamps) 1x1DL:6W (1 lamp) 1x2DL:12W (2 lamps) 2x1DL:12W (2 lamps) 2x2DL:24W (4 lamps)
Light Source	LED-T8 LED-MR16
Lamp Holder	G13 for LED-T8, GU5.3 for LED-MR16
Colour Temperature	3000/4000/6500K
Lamp Output	2L:L&E : 2x14/16/18W:2x2100 lm LED MR16:6W:2700/4000/6000K:550lm
Luminaire Output	2L: 28/32/36W : 1810 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E:MR16:15,000/T8:25,000/50,000hrs.
Equivalent	28-40W:T5 2x28W/T8 2x36W 50W:MR16 1x6W 100W:MR16 2x6W 200W:MR16 4x6W

Ordering Data

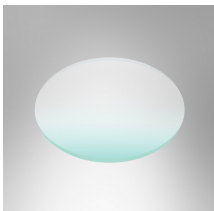
Model	Watt
LRLIP150/GY/2L/CT+1x1DL(MR16)	28-40W+1X6W
LRLIP150/GY/2L/CT+1x2DL(MR16)	28-40W+2X6W
LRLIP150/GY/2L/CT+2x1DL(MR16)	28-40W+2X6W
LRLIP150/GY/2L/CT+2x2DL(MR16)	28-40W+4X6W



Related Products



Honey comb



Frosted glass



Anti glare



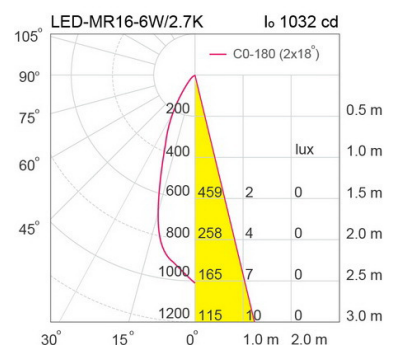
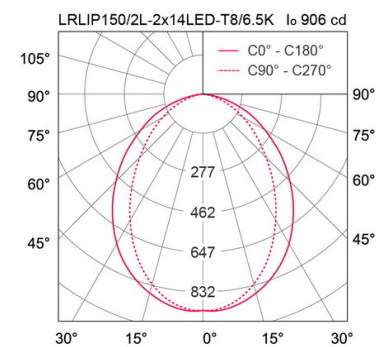
Hood



LED-T8



LED-MR16



LED Recessed Fluorescent



LRSTP300/CT

Application

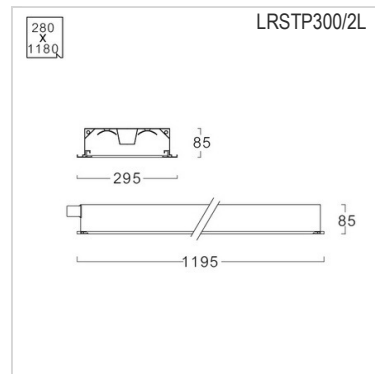
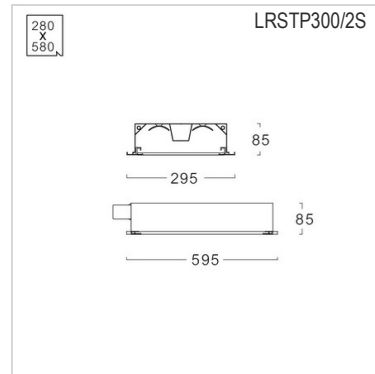
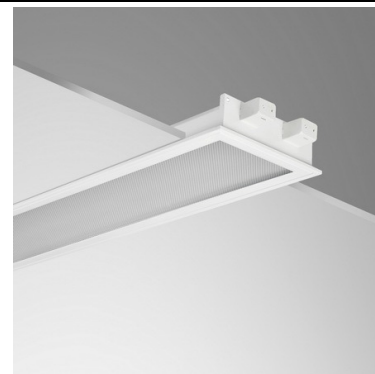
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1360 lm 2L: 28/32/36W : 2720 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
LED Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

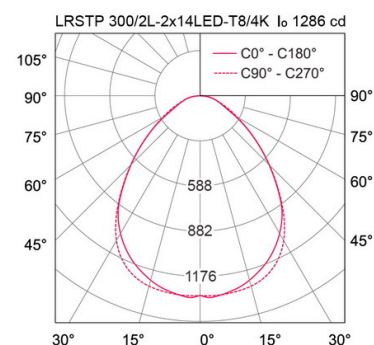
Model	Watt
LRSTP300/2S/MI/PRF/CT-XXLED-T8	16-20W
LRSTP300/2L/MI/PRF/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



LRSTP600/CT

Application

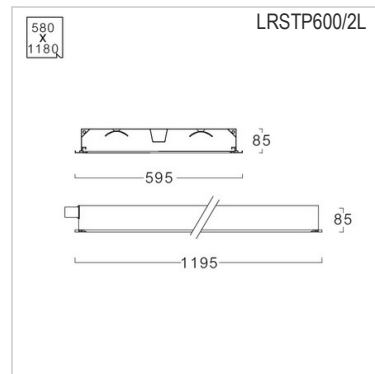
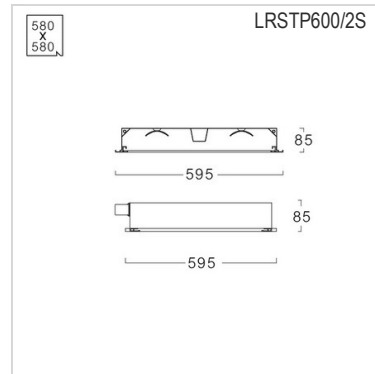
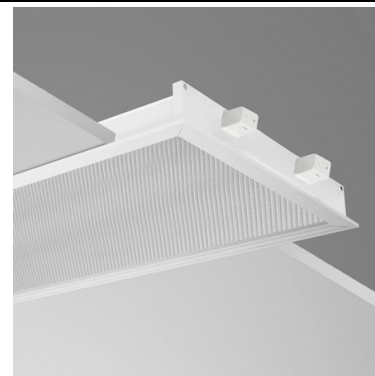
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S: 16-20W (2 lamps) 2L: 28-40W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S: L&E : 2x8/9W: 2x1050 lm 2L: L&E : 2x14/16/18W: 2x2100 lm
Luminaire Output	2S: 16/18W : 1590 lm 2L: 28/32/36W : 3180 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	L&E: 25,000/50,000 hrs.
Equivalent	16-20W: T5 2x14W/T8 2x18W 28-40W: T5 2x28W/T8 2x36W

Ordering Data

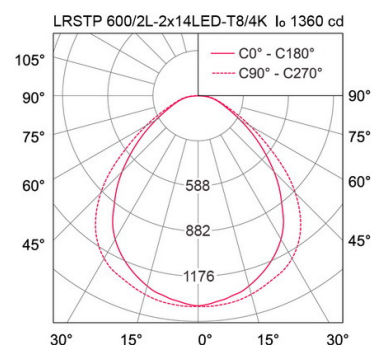
Model	Watt
LRSTP600/2S/MI/PRF/CT-XXLED-T8	16-20W
LRSTP600/2L/MI/PRF/CT-XXLED-T8	28-40W



Related Products



LED-T8



LED Recessed Fluorescent



TIS RDLL37

Application

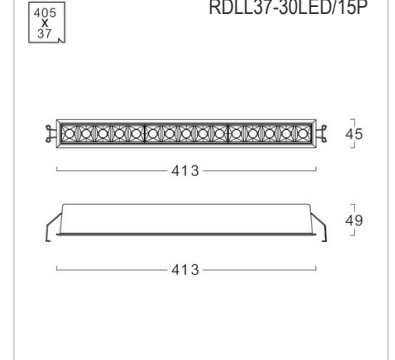
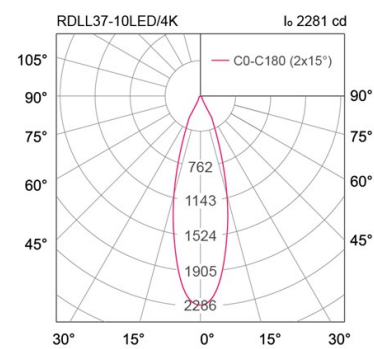
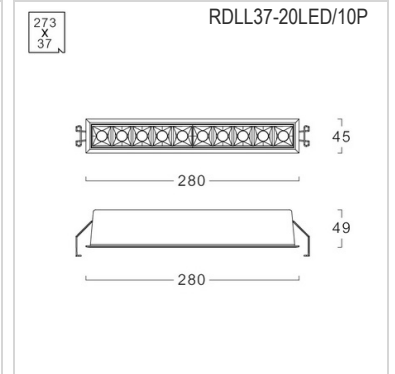
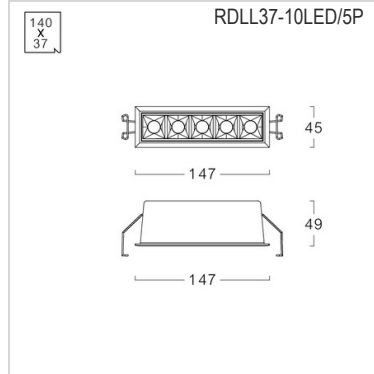
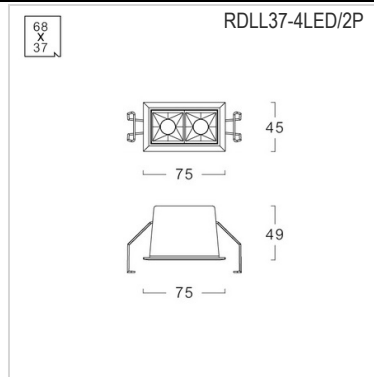
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

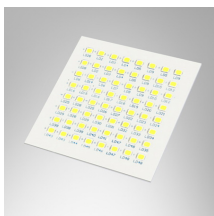
Housing	Die-cast Aluminium
Finishing	Powder coated in white or black
Mounting	Recessed
Power	4W : 2Lamps 10W : 5Lamps 20W : 10Lamps 30W : 15Lamps
Light Source	LED-SMD
Colour Temperature	3000/4000/5000K
CRI	90
Luminaire Output	218lm(30Degree) : 2Lamps 659lm(30Degree) : 5Lamps 1375lm(30Degree) : 10Lamps 2016lm(30Degree) : 15Lamps
Beam Angle	15/30/45 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

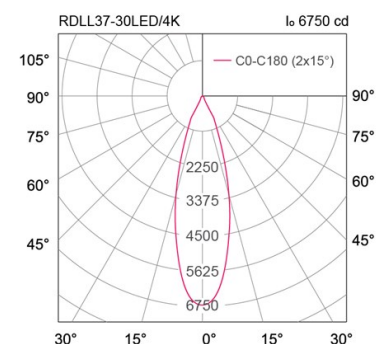
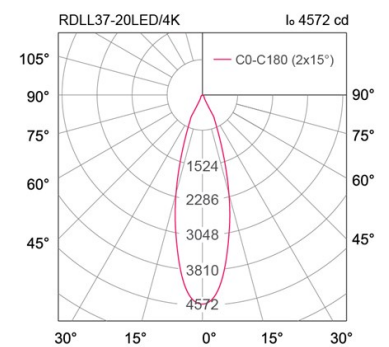
Model	Watt
RDLL37-4LED/2P	4W
RDLL37-10LED/5P	10W
RDLL37-20LED/10P	20W
RDLL37-30LED/15P	30W



Related Products



LED-SMD



LED Recessed Fluorescent



TIS RLLL40T

Application

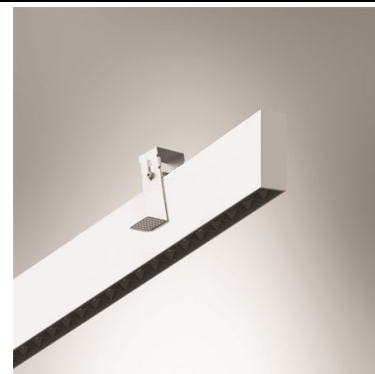
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Recessed
Power	40W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	40W : 4300lm
Beam Angle	50 Degree
UGR	<10
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	40W: T5 2x28W/T8 2x36W
	Option
	1. Luminaire connector (Continued)

Ordering Data

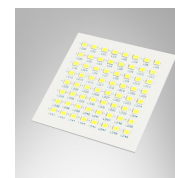
Model	Watt
RLLL40T-40LED	40W



RLLL40T-40LED



Related Products



LED-SMD

TIS RLLL60

Application

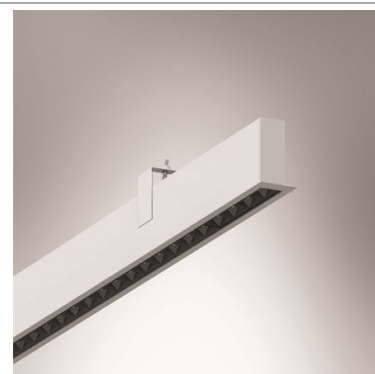
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Recessed
Power	40W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	40W : 4300lm
Beam Angle	50 Degree
UGR	<10
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	40W: T5 2x28W/T8 2x36W
	Option
	1. Luminaire connector (Continued)

Ordering Data

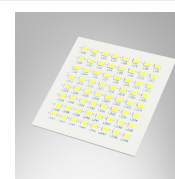
Model	Watt
RLLL60-40LED	40W



RLLL60-40LED



Related Products



LED-SMD

LED Recessed Fluorescent



TIS RLLL

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

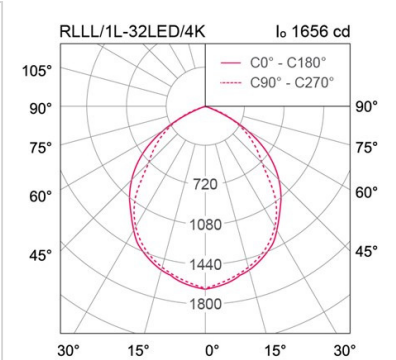
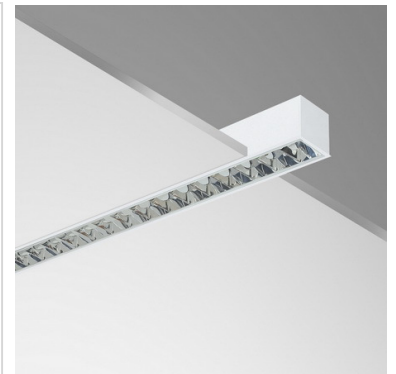
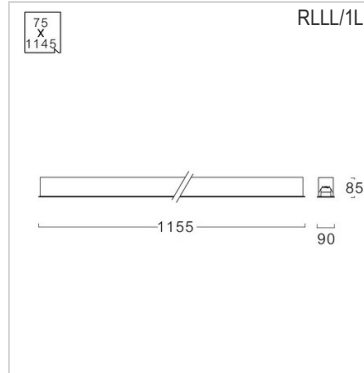
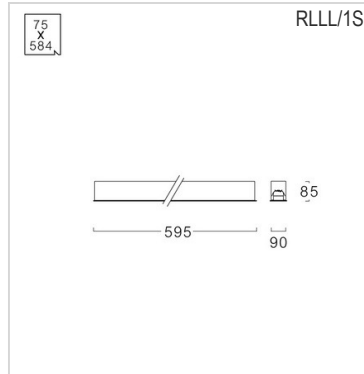
Housing	Extruded aluminium
Finishing	Powder coated in white
Louver	Mirror anodized aluminium
Mounting	Recessed
Power	11/16/22/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S: 11W : 1225 lm, 16W : 1800 lm 1L: 22W : 2450 lm, 32W : 3600 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	1S: 11W: T5 1x14W/T8 1x18W 1S: 16W: T5 2x14W/T8 2x18W 1L: 22W: T5 1x28W/T8 1x36W 1L: 32W: T5 2x28W/T8 2x36W

Remarks

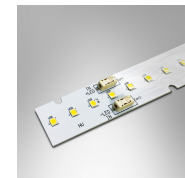
Option
1. Luminaire connector (Continued)

Ordering Data

Model	Watt
RLLL/1S-11LED	11W
RLLL/1S-16LED	16W
RLLL/1L-22LED	22W
RLLL/1L-32LED	32W



Related Products



LED Strip Module



Luminaire connector (continued)

TIS RLLL105

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

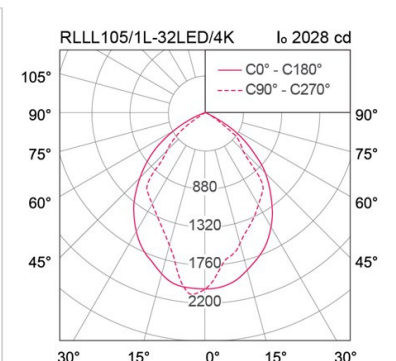
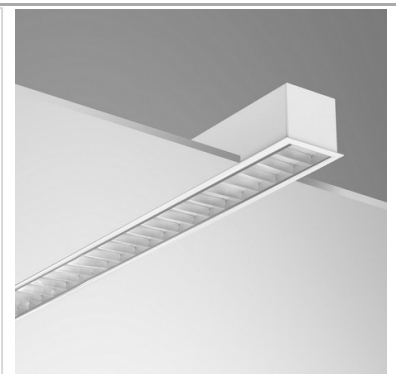
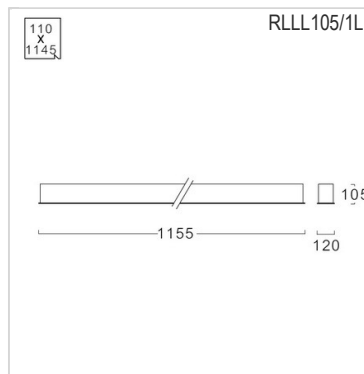
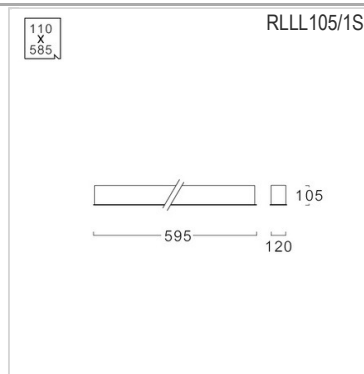
Housing	Extruded aluminium
Finishing	Powder coated in white
Louver	Matt anodized aluminium
Mounting	Recessed
Power	16/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S: 16W : 1950 lm 1L: 32W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Equivalent	1S: 16W: T5 2x14W/T8 2x18W 1L: 32W: T5 2x28W/T8 2x36W

Remarks

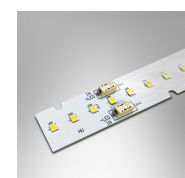
Option
1. Luminaire connector (Continued)

Ordering Data

Model	Watt
RLLL105/1S-16LED	16W
RLLL105/1L-32LED	32W



Related Products



LED Strip Module



Luminaire connector (continued)

LED Recessed Fluorescent



RLL105/DL

Application

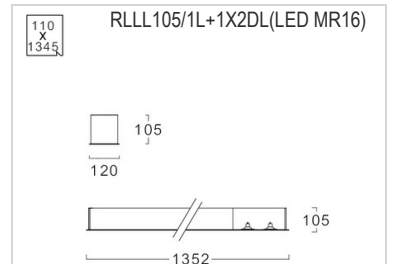
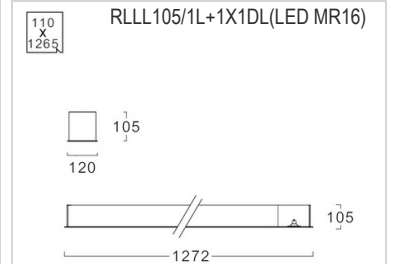
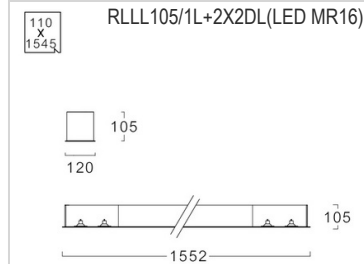
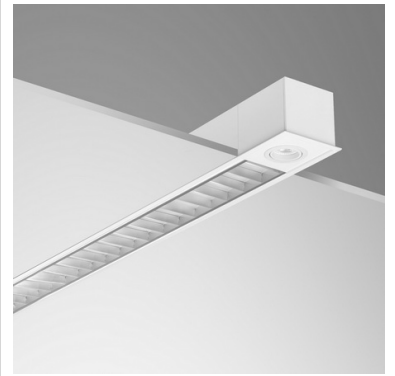
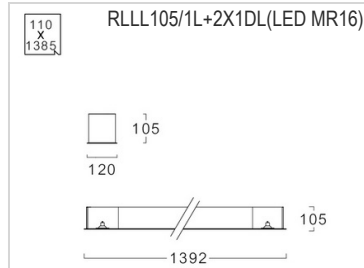
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

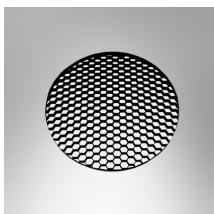
Housing	Extruded aluminium
Description	This model is unique design comprises of LED Linear lighting fixture plus LED downlight which is available in various options depending on your requirement to suit for variety of applications. Furthermore, this model can easily connect to each other for continuous lighting applications.
Finishing	Powder Coated in white
Louver	Matt anodized aluminum
Mounting	Recessed
Power	32W+LED MR16(for Options)
Light Source	LED Module + LED MR16
Lamp Output	LED MR16 : 6W : 2700/3000K : 550lm LED MR16 : 6W : 4000/6500K : 550 lm
Luminaire Output	1L:32W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	LED MR16 : 6W : 15,000hrs.
Luminaire Lifetime	30,000 hrs.
Equivalent	32W : T5 2x28W/T8 2x36W MR16 : 35-50W

Ordering Data

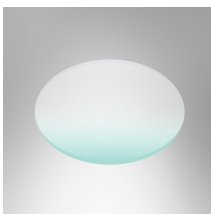
Model	Watt
RLL105/1L-32LED+1X1DL(LED MR16)	32W+1X6W
RLL105/1L-32LED+1X2DL(LED MR16)	32W+2X6W
RLL105/1L-32LED+2X1DL(LED MR16)	32W+2X6W
RLL105/1L-32LED+2X2DL(LED MR16)	32W+4X6W



Related Products



Honey comb



Frosted glass



Anti glare



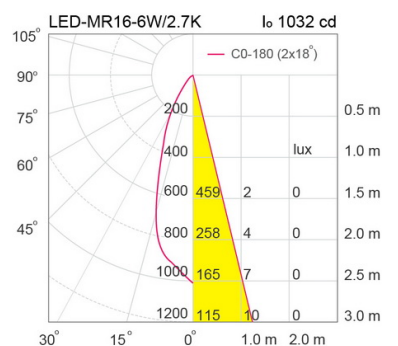
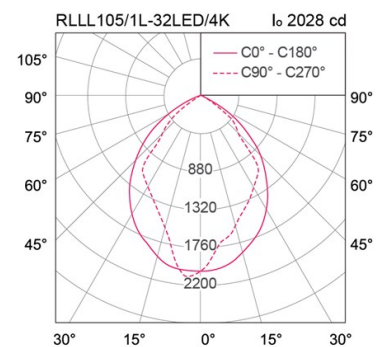
Hood



LED Strip Module



LED MR16



LED Recessed Fluorescent



TIS RLIRL

Application

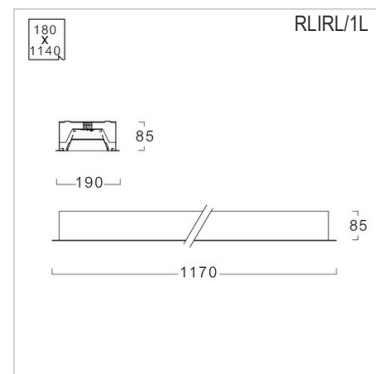
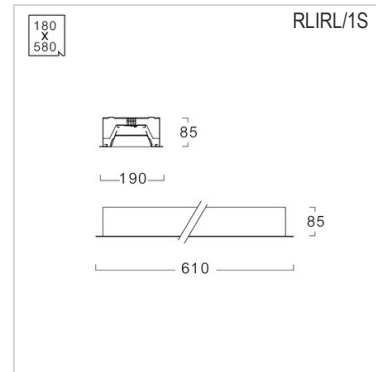
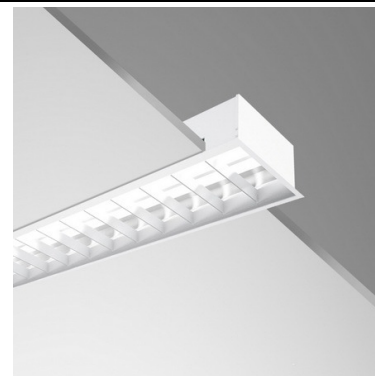
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

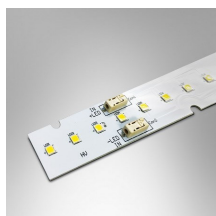
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Louver	Satin Matt aluminium
Diffuser	Opal Acrylic
Mounting	Recessed
Power	18/30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	18W:2000/2000 lm 30W:3400/3400 lm 36W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 30W:T5 2x28W/T8 2x36W 36W:T5 2x28W/T8 2x36W

Ordering Data

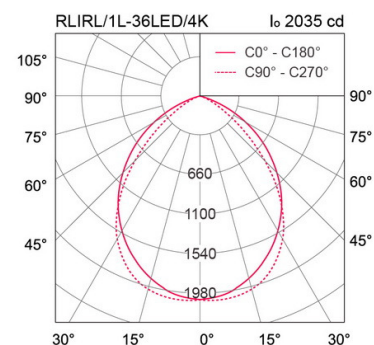
Model	Watt
RLIRL/1S-18LED	18W
RLIRL/1L-30LED	30W
RLIRL/1L-36LED	36W



Related Products



LED Strip Module



LED Recessed Fluorescent



RSTL300

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

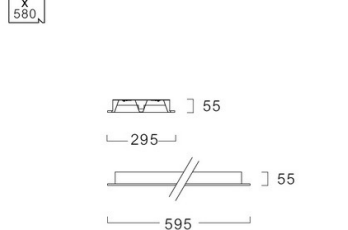
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Diffuser	Opal Acrylic
Mounting	Recessed
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W:2000/2000 lm 40W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W:T5 2x14W/T8 2x18W 40W:T5 2x28W/T8 2x36W

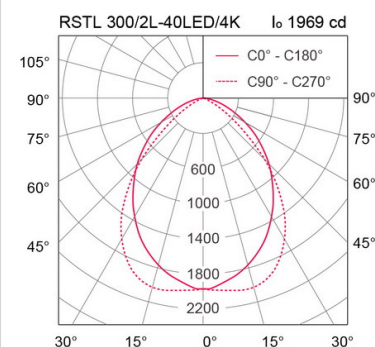
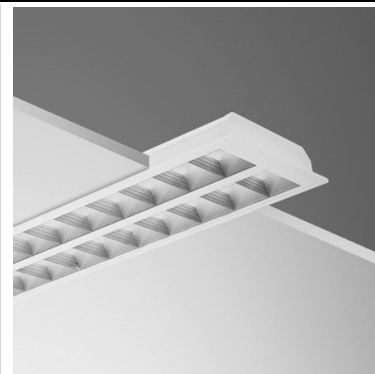
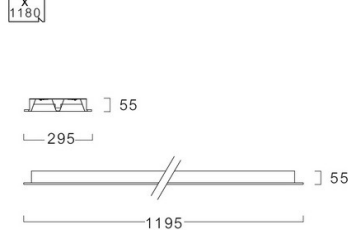
Ordering Data

Model	Watt
RSTL300/2S-20LED	20W
RSTL300/2L-40LED	40W

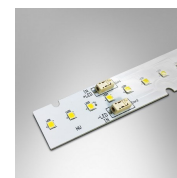
RSTL300/2S



RSTL300/2L



Related Products



LED Strip Module

RSTL600

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

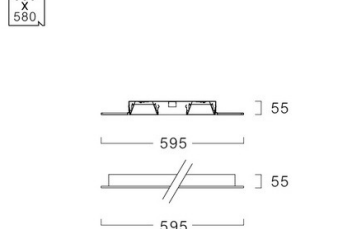
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Louver	Mirror anodized aluminium with Christmas tree profiled cross vanes
Diffuser	Opal Acrylic
Mounting	Recessed
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W:2000/2000 lm 40W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W:T5 2x14W/T8 2x18W 40W:T5 2x28W/T8 2x36W

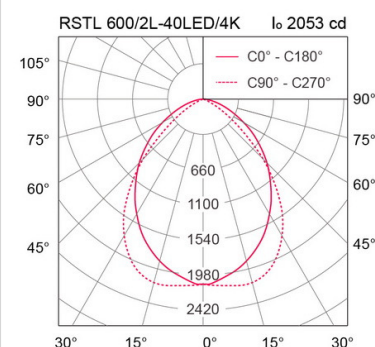
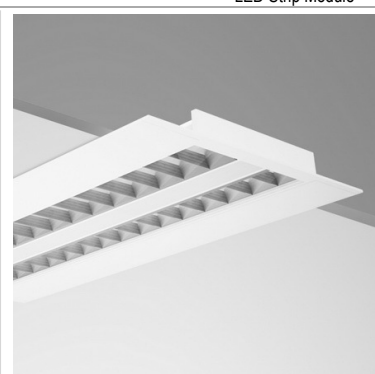
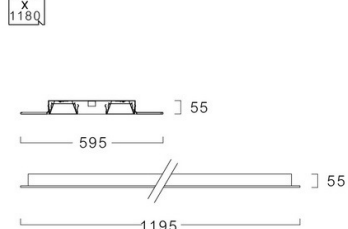
Ordering Data

Model	Watt
RSTL600/2S-20LED	20W
RSTL600/2L-40LED	40W

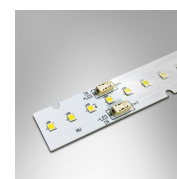
RSTL600/2S



RSTL600/2L



Related Products



LED Strip Module

LED Recessed Fluorescent



TIS RWLL37

Application

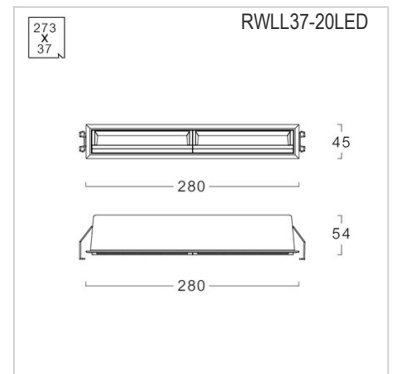
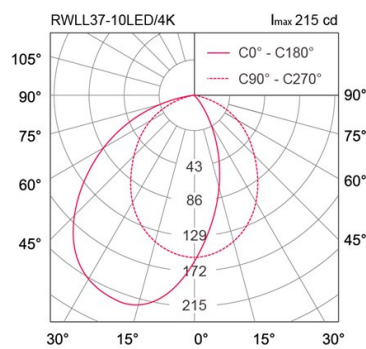
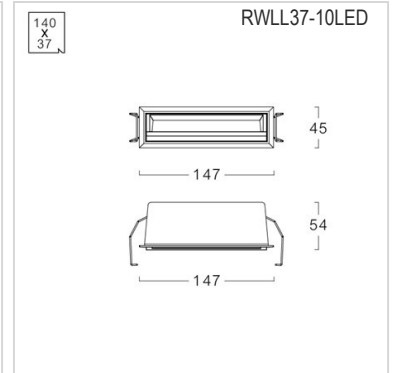
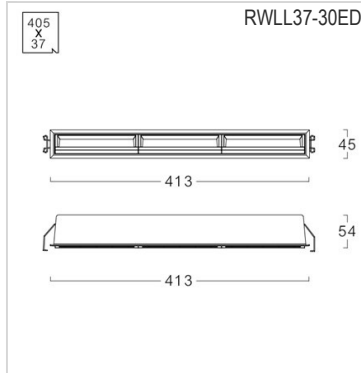
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

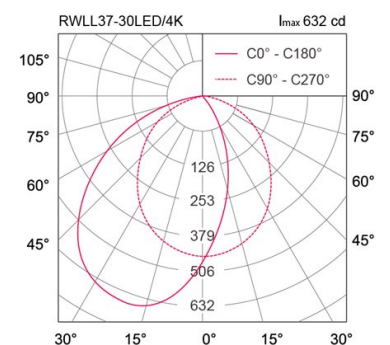
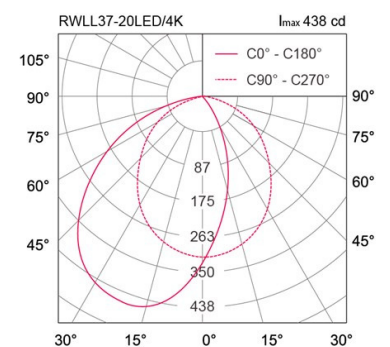
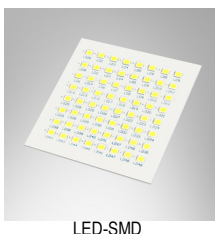
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Recessed Wall washer
Power	10/20/30W
Light Source	LED-SMD
Colour Temperature	3000/4000/5000K
CRI	>80
Luminaire Output	10W:400lm 20W:800lm 30W:1200lm
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

Model	Watt
RWLL37-10LED	10W
RWLL37-20LED	20W
RWLL37-30LED	30W



Related Products



LED Recessed Fluorescent



TIS RWARL40T

Application

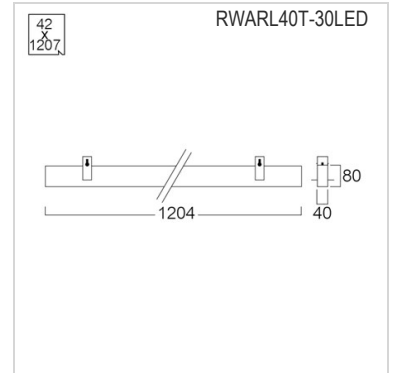
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

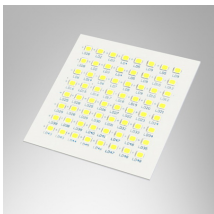
Housing	Extruded aluminium
Description	Wall washer distribution
Finishing	Powder coated in white, silver, black
Mounting	Recessed
Power	30W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	30W : 2800 lm
UGR	<19
Control Gear	Built-in driver
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs. 36W: T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RWARL40T-30LED	30W



Related Products



LED-SMD

LED Recessed Fluorescent



TIS **RWARL**

Application

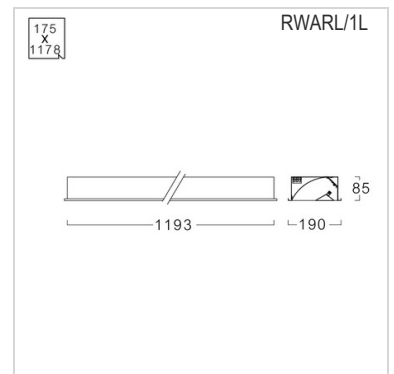
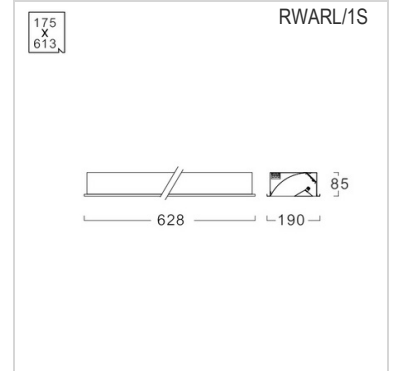
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

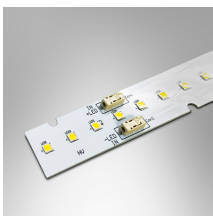
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Mounting	Recessed
Power	11/16/22/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:11W : 960 lm 1S:16W : 1390 lm 1L:22W : 1920 lm 1L:32W : 2780 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	16W:T5 2x14W/T8 2x18W 32W:T5 2x28W/T8 2x36W

Ordering Data

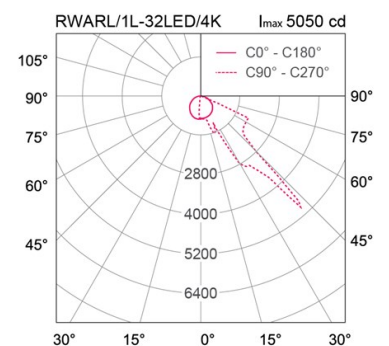
Model	Watt
RWARL/1S-11LED	11W
RWARL/1S-16LED	16W
RWARL/1L-22LED	22W
RWARL/1L-32LED	32W



Related Products



LED Strip Module



LED Recessed Fluorescent



TIS LINE R

Application

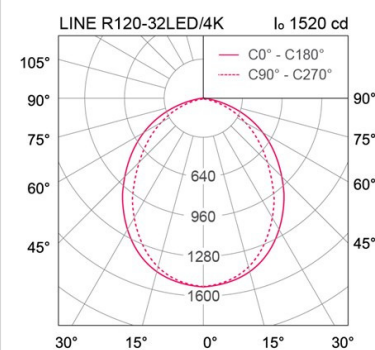
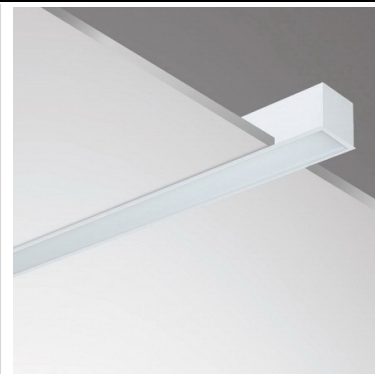
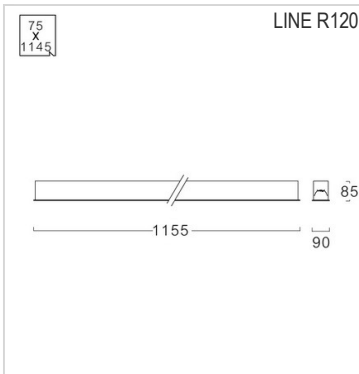
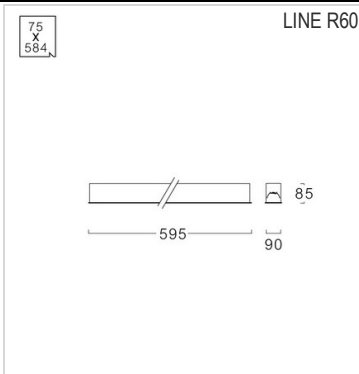
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Specification

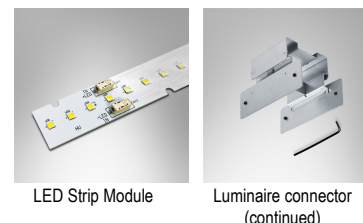
Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Acrylic (PMMA)
Mounting	Recessed
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	R60: 11W : 1150 lm, 14W : 1450 lm R60: 16W : 1700 lm, 19W : 1950 lm R120: 22W : 2300 lm, 28W : 2900 lm R120: 32W : 3400 lm, 38W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option: Luminaire connector (Continued)

Ordering Data

Model	Watt
LINE R60-11LED	11W
LINE R60-14LED	14W
LINE R60-16LED	16W
LINE R60-19LED	19W
LINE R120-22LED	22W
LINE R120-28LED	28W
LINE R120-32LED	32W
LINE R120-38LED	38W



Related Products



TIS RLPL105

Application

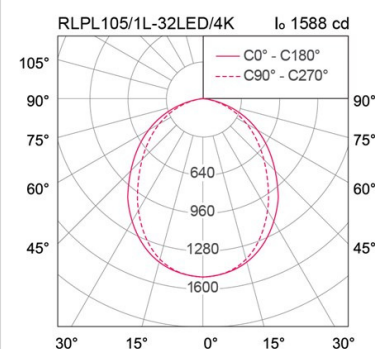
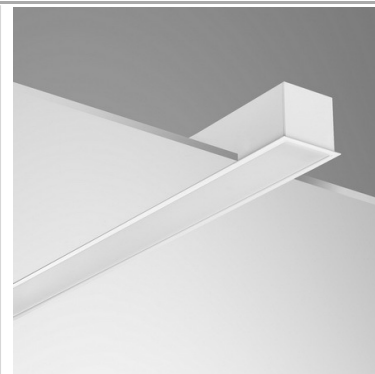
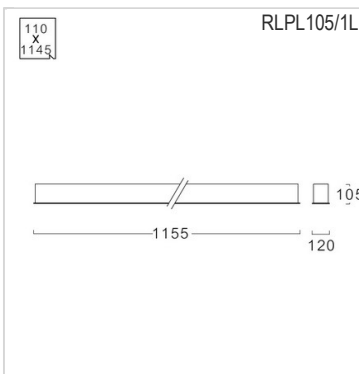
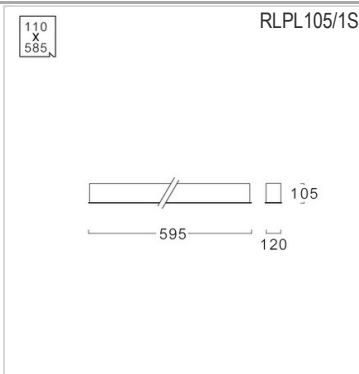
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

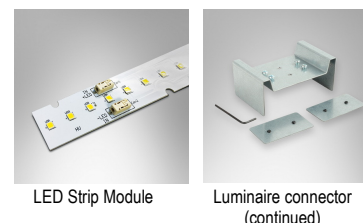
Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	High quality acrylic (PMMA)
Mounting	Recessed
Power	16/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S : 16W : 1840 lm 1L : 32W : 3680 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	1S:16W:T5 2x14W/T8 2x18W 1L:32W:T5 2x28W/T8 2x36W
Remarks	Option 1. Luminaire connector (Continued)

Ordering Data

Model	Watt
RLPL105/1S-16LED	16W
RLPL105/1L-32LED	32W



Related Products



LED Recessed Fluorescent



RLPL105/DL

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing

Extruded aluminium

Description

This model is unique design comprises of LED Linear lighting fixture plus LED downlight which is available in various options depending on your requirement to suit for variety of applications. Furthermore, this model can easily connect to each other for continuous lighting applications.

Powder Coated in white

Finishing

Diffuser

Acrylic (PMMA)

Mounting

Recessed

Power

32W+LED MR16(for Options)

Light Source

LED Module + LED MR16

Lamp Output

LED MR16 : 6W : 2700/3000K : 550lm

LED MR16 : 6W : 4000/6500K : 550 lm

Luminaire Output

1L : 32W : 3680 lm

Control Gear

Built-in driver

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

I

IP Rating

20

LED Lifetime

LED MR16 : 6W : 15,000hrs.

Luminaire Lifetime

30,000 hrs.

Equivalent

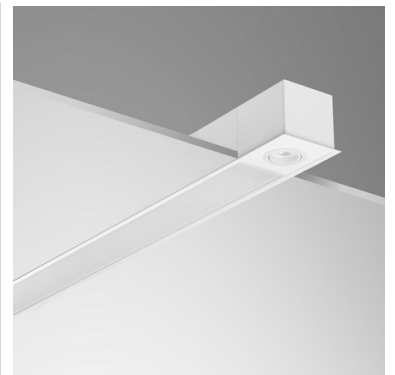
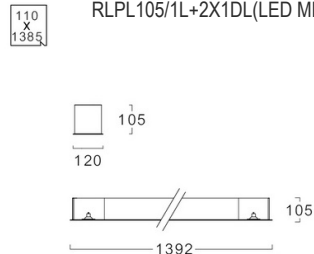
32W : T5 2x28W/T8 2x36W

MR16 : 35-50W

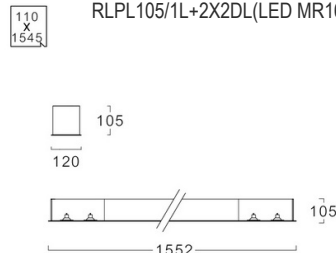
Ordering Data

Model	Watt
RLPL105/1L-32LED+1X1DL(LED MR16)	32W+1X6W
RLPL105/1L-32LED+1X2DL(LED MR16)	32W+2X6W
RLPL105/1L-32LED+2X1DL(LED MR16)	32W+2X6W
RLPL105/1L-32LED+2X2DL(LED MR16)	32W+4X6W

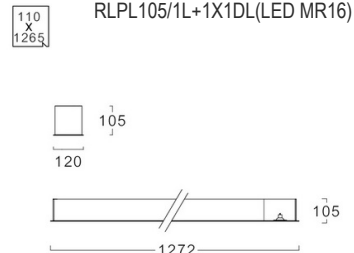
RLPL105/1L+2X1DL(LED MR16)



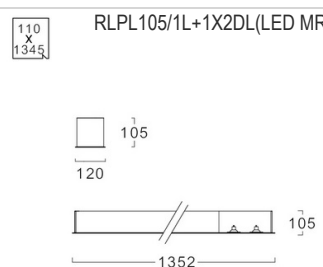
RLPL105/1L+2X2DL(LED MR16)



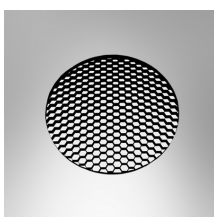
RLPL105/1L+1X1DL(LED MR16)



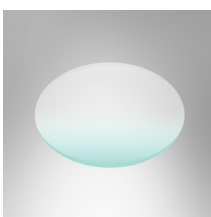
RLPL105/1L+1X2DL(LED MR16)



Related Products



Honey comb



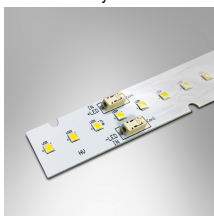
Frosted glass



Anti glare



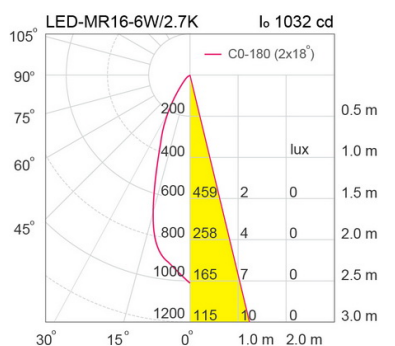
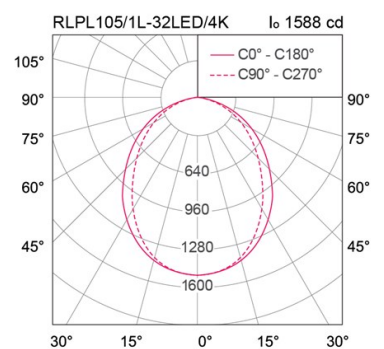
Hood



LED Strip Module



LED MR16



LED Recessed Fluorescent



TIS RL IPL

Application

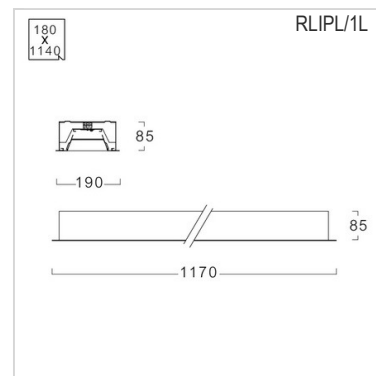
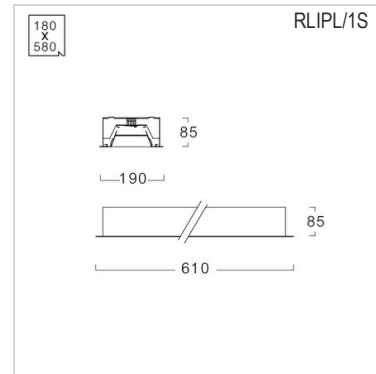
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

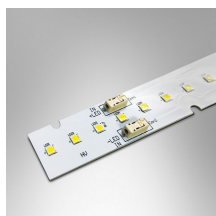
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Opal Acrylic
Mounting	Recessed
Power	18/30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	18W:2050/2050 lm 30W:3500/3500 lm 36W:4100/4100 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 30W:T5 2x28W/T8 2x36W 36W:T5 2x28W/T8 2x36W

Ordering Data

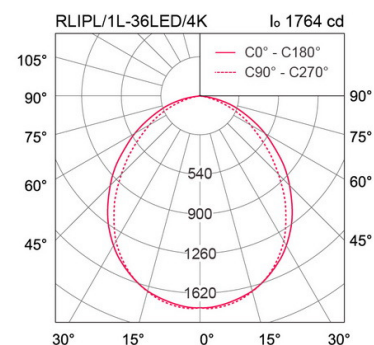
Model	Watt
RLIPL/1S-18LED	18W
RLIPL/1L-30LED	30W
RLIPL/1L-36LED	36W



Related Products



LED Strip Module



LED Recessed Fluorescent



RSTPL300

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

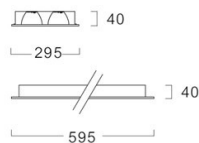
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W:2000/2000 lm 40W:4000/4000 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W:T5 2x14W/T8 2x18W 40W:T5 2x28W/T8 2x36W

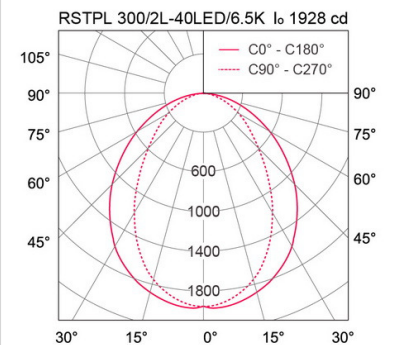
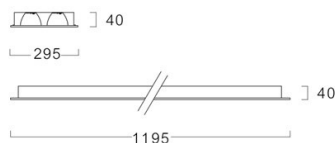
Ordering Data

Model	Watt
RSTPL300/2S-20LED	20W
RSTPL300/2L-40LED	40W

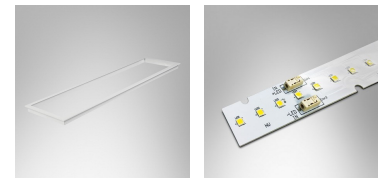
RSTPL300/2S



RSTPL300/2L



Related Products



Frame Concealed Ceiling

LED Strip Module

RSTPL600

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

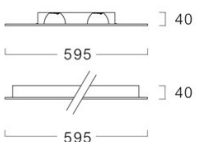
Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal Acrylic
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	20/40W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	20W:2000/2000 lm 40W:4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	20W:T5 2x14W/T8 2x18W 40W:T5 2x28W/T8 2x36W

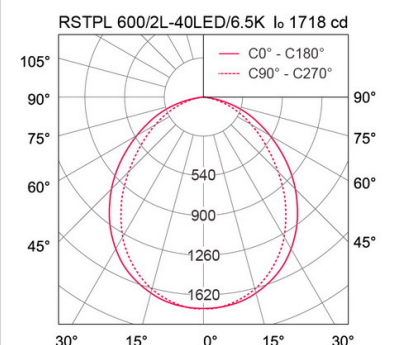
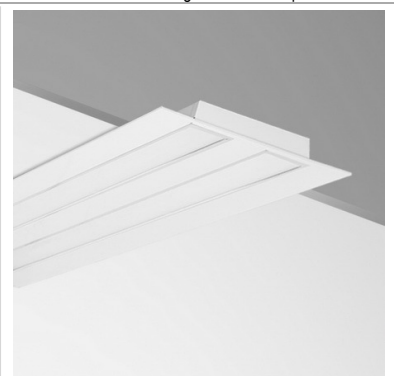
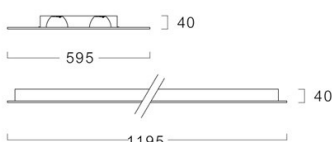
Ordering Data

Model	Watt
RSTPL600/2S-20LED	20W
RSTPL600/2L-40LED	40W

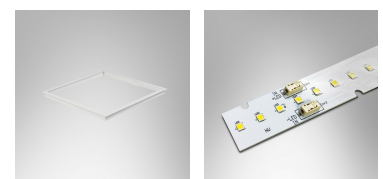
RSTPL600/2S



RSTPL600/2L



Related Products



Frame Concealed Ceiling

LED Strip Module

LED Recessed Fluorescent



TIS RPEL/UGR

Application

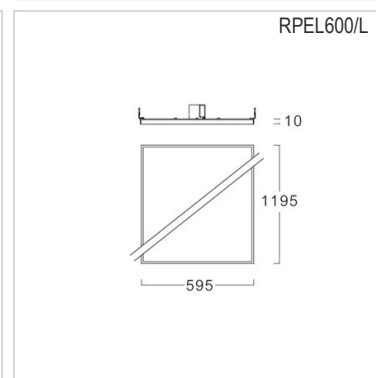
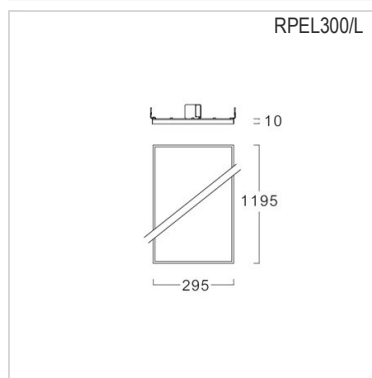
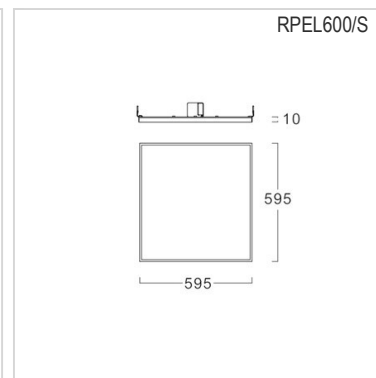
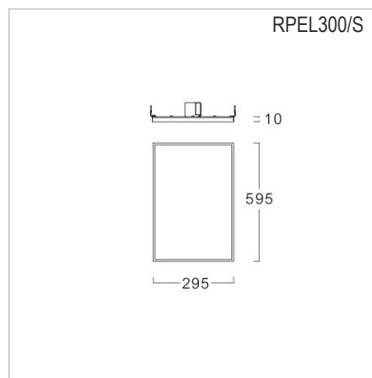
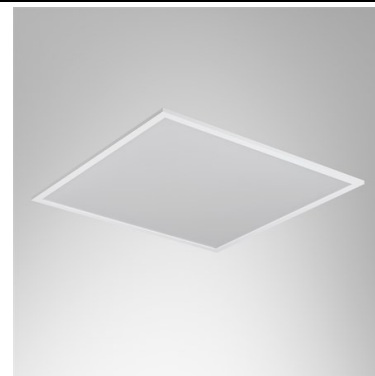
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

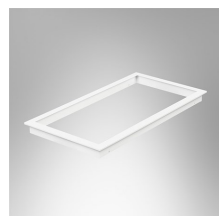
Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	RPEL300/S : 18W RPEL300/L : 36W RPEL600/S : 36W RPEL600/L : 36W
Light Source	LED Module
Colour Temperature	4000/6000K
Luminaire Output	RPEL300/S : 2000/2000 lm RPEL300/L : 4000/4000 lm RPEL600/S : 4000/4000 lm RPEL600/L : 4000/4000 lm
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	RPEL300/S : T5 2x14W/T8 2x18W RPEL300/L : T5 2x28W/T8 2x36W RPEL600/S : T5 2x28W/T8 2x36W RPEL600/L : T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RPEL300/S/UGR19-18LED	18W
RPEL300/L/UGR19-36LED	36W
RPEL600/L/UGR16-36LED	36W
RPEL600/S/UGR19-36LED	36W



Related Products



Frame for RPEL300/S



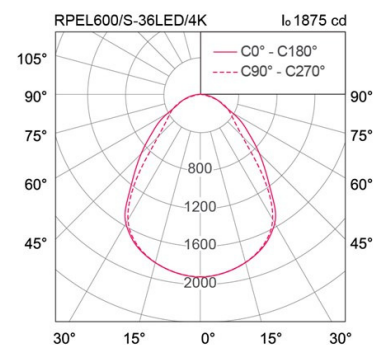
Frame for RPEL300/L



Frame for RPEL600/S



Frame for RPEL600/L



LED Recessed Fluorescent



 TIS RPEL/UGR/PA

Application

This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

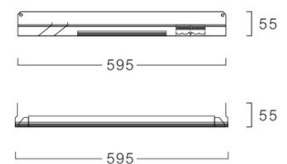
Housing	Die-formed cold roll steel and Extruded aluminium for LED Panel Light Panel Light can removable in front of luminaire for easy maintenance
Description	Air slot set is Return and Supply (2Air Return and 2Air Supply as option)
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	S : 18W L : 36W
Light Source	LED Module
Colour Temperature	4000/6000K
Luminaire Output	S : 2000/2000 lm L : 4000/4000 lm
UGR	<19
Control Gear	Separated driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	S: T5 2x14W/T8 2x18W L: T5 2x28W/T8 2x36W

Ordering Data

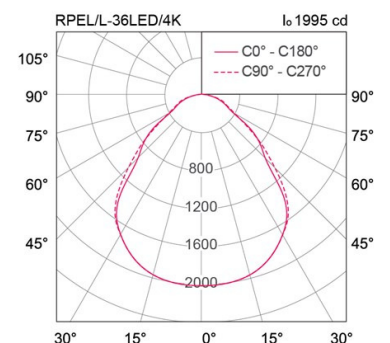
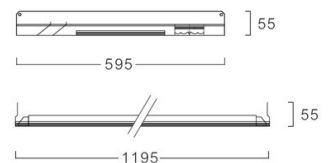
Model	Watt
RPEL300/S/UGR19/PA(2Air Return)-18LED	18W
RPEL300/S/UGR19/PA(2Air Supply)-18LED	18W
RPEL300/S/UGR19/PA(Return&Supply)-18LED	18W
RPEL300/L/UGR19/PA(2Air Return)-36LED	36W
RPEL300/L/UGR19/PA(2Air Supply)-36LED	36W
RPEL300/L/UGR19/PA(Return&Supply)-36LED	36W



RPEL/S



RPEL/L



LED Recessed Fluorescent



Application

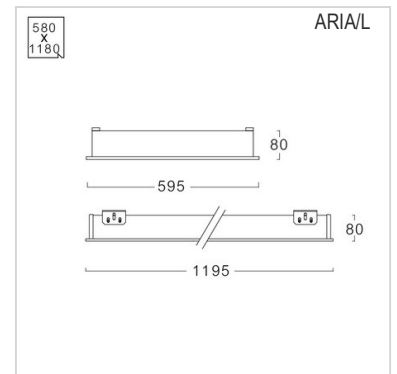
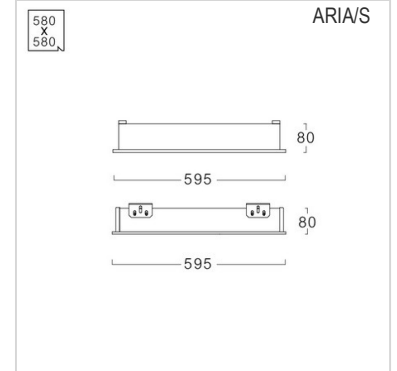
A new perspective for office lighting with a combination of visual comfort and performance.
The uniform light with low glare conveys well-being to people during all day.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Louver	Perforated steel
Diffuser	Slope plastic sheet in low glare
Weight	S: 4.5 kgs / L: 9.0 kgs
Mounting	Recessed
Power	34W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	3600/3600 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
ARIA/L-34LED	34W
ARIA/S-34LED	34W



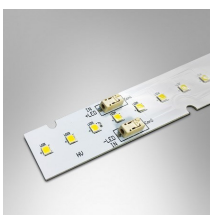
Related Products



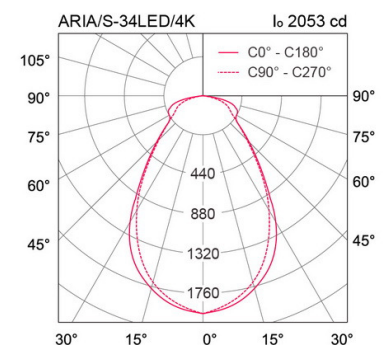
Frame Conceal Ceiling
600x600mm.



Frame Conceal Ceiling
600x1200mm.



LED Strip Module



LED Recessed Fluorescent



TIS RDIL

Application

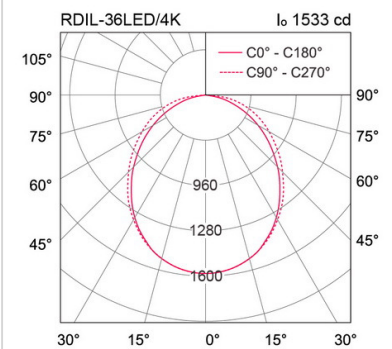
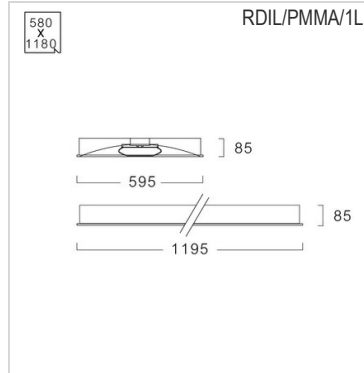
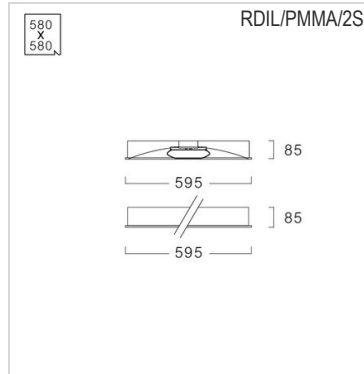
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

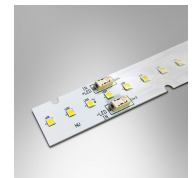
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Curve steel sheet in low glossy white
Diffuser	Extrude profile in frosted PMMA
Mounting	Recessed
Power	36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	4080/4080lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RDIL/PMMA/1L-36LED	36W
RDIL/PMMA/2S-36LED	36W



Related Products



LED Strip Module

TIS RDIL/FLAT

Application

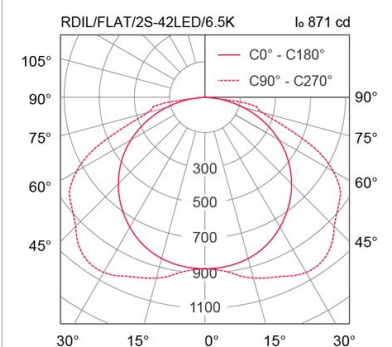
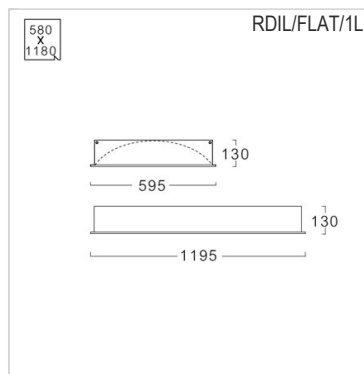
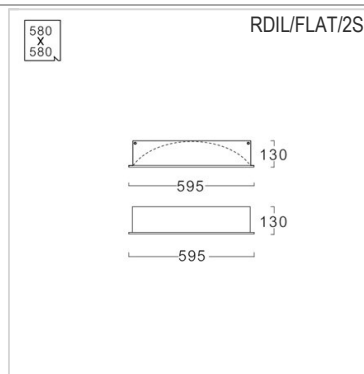
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

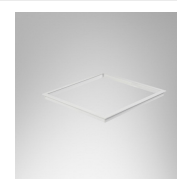
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Curve steel sheet in low glossy white
Louver	Perforated steel
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	42W
Light Source	LED Linear Module
Colour Temperature	4000/6500K
Luminaire Output	2S : 3500/3500 lm 1L : 3850/3850 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

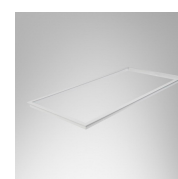
Model	Watt
RDIL/FLAT/2S-42LED	42W
RDIL/FLAT/1L-42LED	42W



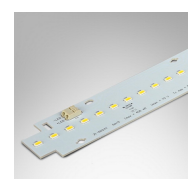
Related Products



Frame Concealed Ceiling
600x600mm.



Frame Concealed Ceiling
600x1200mm.



LED Linear Module

LED Recessed Fluorescent



TIS RSTL/2LINEs

Application

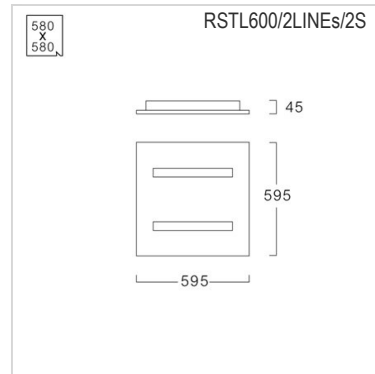
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Opal/Microprism
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	18/30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	18W: 1625 lm 30W: 2700 lm 36W: 3250 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RSTL600/2LINEs/2S-18LED	18W
RSTL600/2LINEs/2S-30LED	30W
RSTL600/2LINEs/2S-36LED	36W



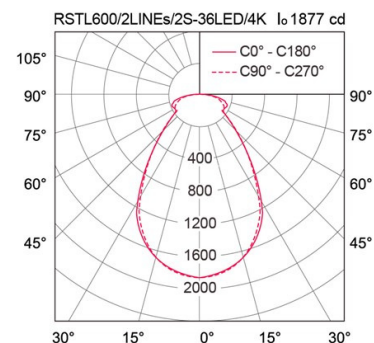
Related Products



Frame Conceal Ceiling
600x600mm.



LED Strip Module



LED Recessed Fluorescent



RMQL300

Application

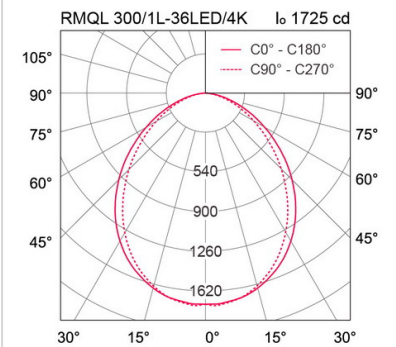
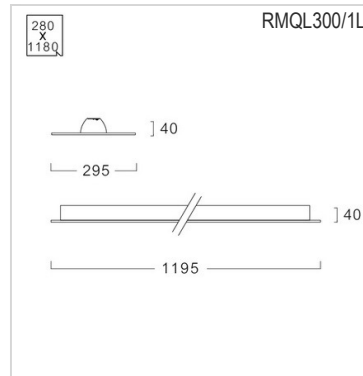
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

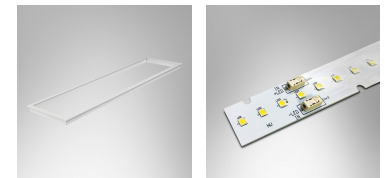
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal acrylic
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	T5:2x28W, T8:2x36W

Ordering Data

Model	Watt
RMQL300/1L-36LED	36W



Related Products



Frame Concealed Ceiling

LED Strip Module

RMQL600

Application

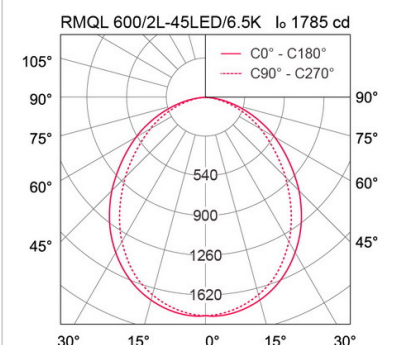
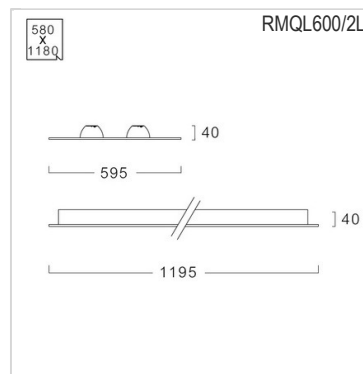
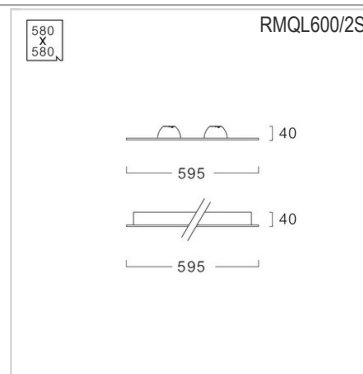
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

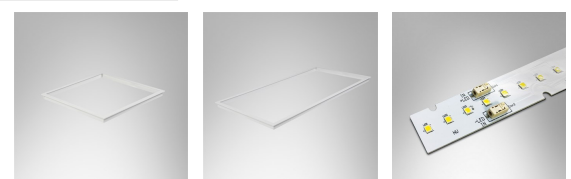
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Reflector	Mirror anodized aluminium
Diffuser	Opal acrylic
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	36/45W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	36W:4000/4000 lm 45W:4400/4400 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	40
Luminaire Lifetime	50,000 hrs.
Equivalent	T5:2x28W, T8:2x36W

Ordering Data

Model	Watt
RMQL600/2S-36LED	36W
RMQL600/2L-45LED	45W



Related Products



Frame Conceal Ceiling
600x600mm.

Frame Conceal Ceiling
600x1200mm.

LED Strip Module

LED Recessed Fluorescent



RSTL/FINs

Application

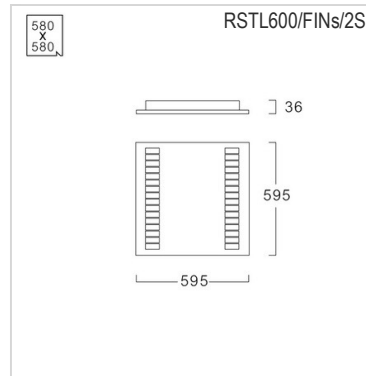
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

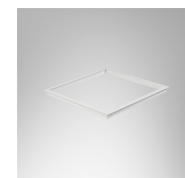
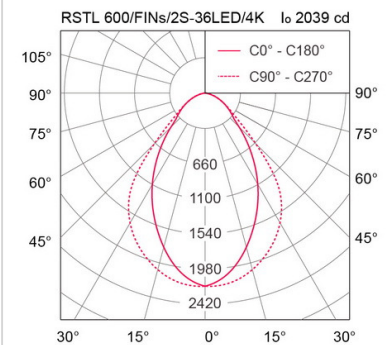
Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Opal acrylic
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	30W:2900/2900 lm 36W:3300/3300 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5:2x28W, T8:2x36W

Ordering Data

Model	Watt
RSTL600/FINs/2S-30LED	30W
RSTL600/FINs/2S-36LED	36W



Related Products



Frame Conceal Ceiling
600x600mm.



LED Strip Module

RSTL/FINs(Air)

Application

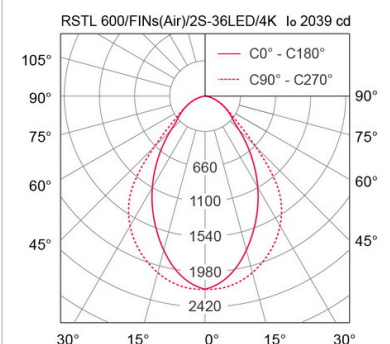
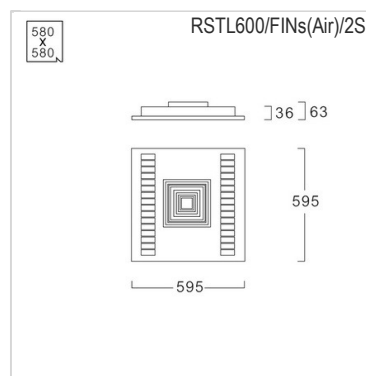
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Opal acrylic
Mounting	Recessed T-bar
Power	30/36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	30W:2900/2900 lm 36W:3300/3300 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5:2x28W, T8:2x36W

Ordering Data

Model	Watt
RSTL600/FINs(Air12inch)/2S-30LED	30W
RSTL600/FINs(Air12inch)/2S-36LED	36W



Related Products



LED Strip Module

LED Recessed Fluorescent



TIS RSTL/CoreLens

Application

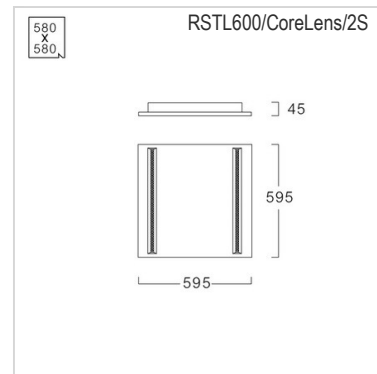
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Available in lens
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	36W
Light Source	LED Moudle
Colour Temperature	4000/6500K
Luminaire Output	4400/4400 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	T5:2x28W, T8:2x36W

Ordering Data

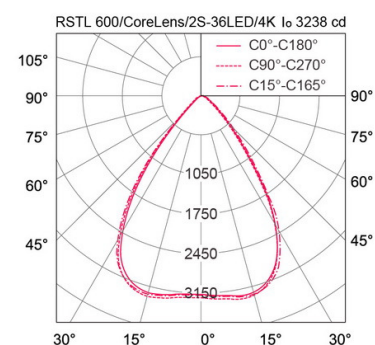
Model	Watt
RSTL600/CoreLens/2S-36LED	36W



Related Products



Frame Conceal Ceiling
600x600mm.



LED Recessed Fluorescent



 TIS RSWL

Application

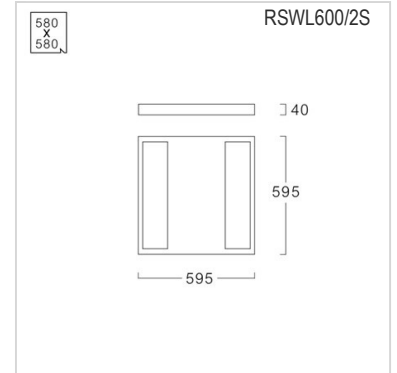
This luminaire is designed to use for office buildings, schools, storage areas, hospitals, and other working areas where is required highly uniformity illumination, etc.

Specification

Housing	Die-formed cold roll steel
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed T-bar (for Concealed ceiling recommend to use additional frame)
Power	36W
Light Source	LED Strip Module
Colour Temperature	4000/6500K
Luminaire Output	4000/4000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RSWL600/2S-36LED	36W



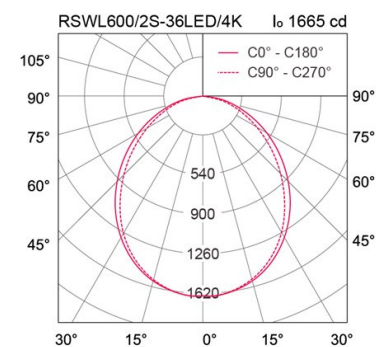
Related Products



Frame Conceal Ceiling
600x600mm.



LED Strip Module





Indoor Lighting

Downlights

LED Recessed Downlight



TIS RAM75

Application

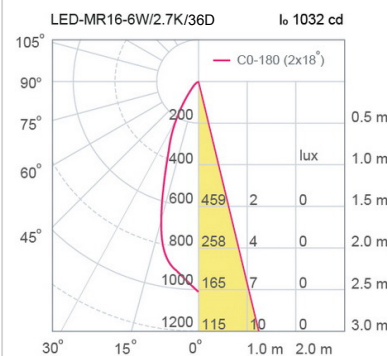
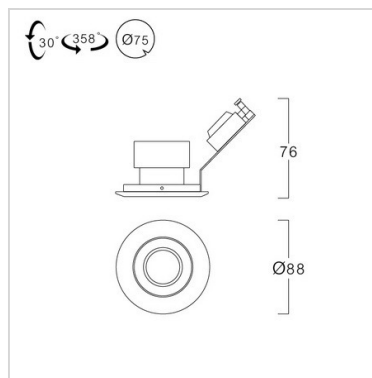
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

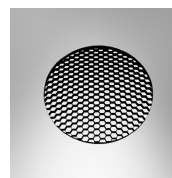
Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

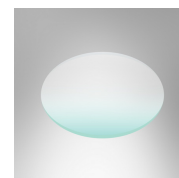
Model	Watt
RAM75/WH-XXLED-MR16	4-8W



Related Products



Honey comb



Filter



RAM80-LED MR16

TIS RAM91

Application

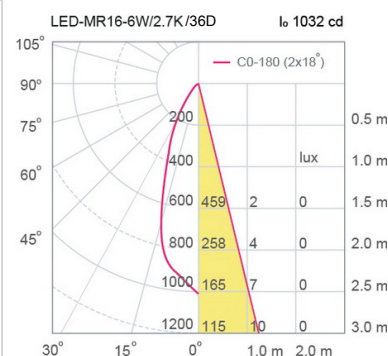
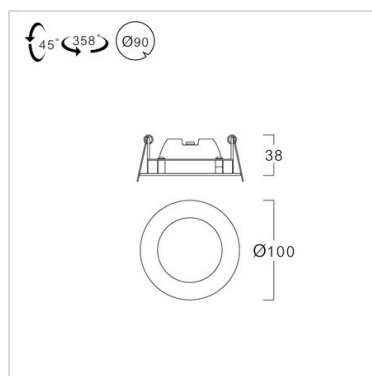
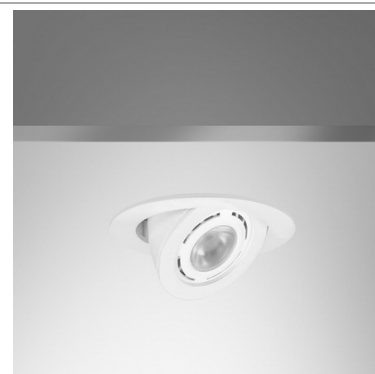
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

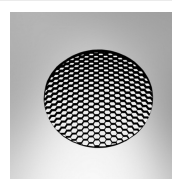
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

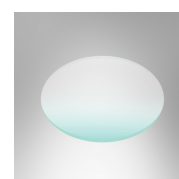
Model	Watt
RAM91/WH-XXLED-MR16	4-8W



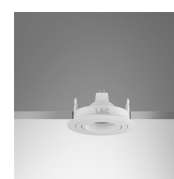
Related Products



Honey comb



Filter



RAM83-LED MR16

LED Recessed Downlight



TIS RAM80

Application

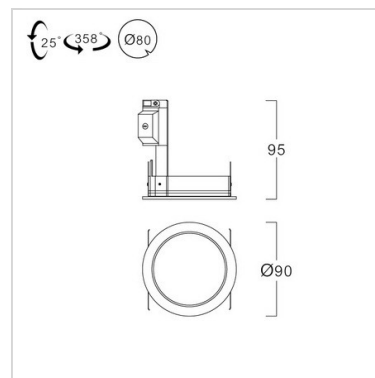
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

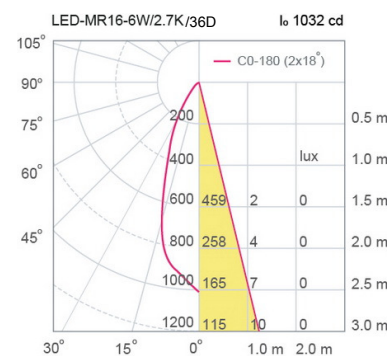
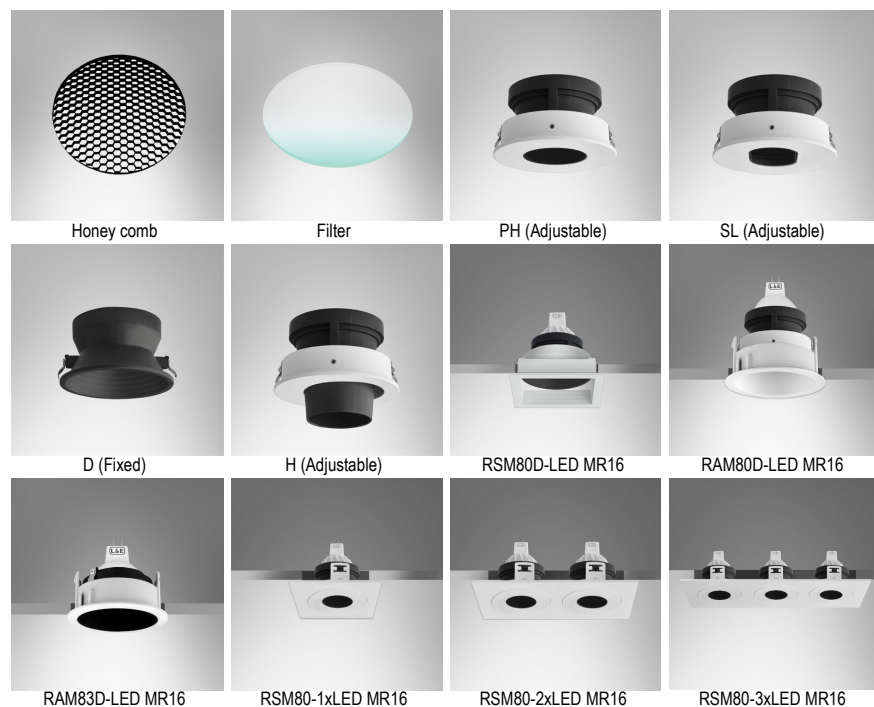
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications. PH (Adjustable) SL (Adjustable) D (Fixed) H (Adjustable)
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM80/D/WH-XXLED-MR16	4-8W
RAM80/H/WH-XXLED-MR16	4-8W
RAM80/PH/WH-XXLED-MR16	4-8W
RAM80/SL/WH-XXLED-MR16	4-8W



Related Products



LED Recessed Downlight



TIS RAM80D

Application

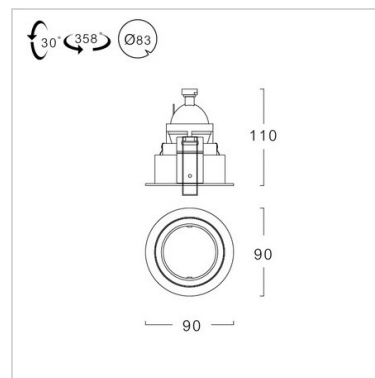
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

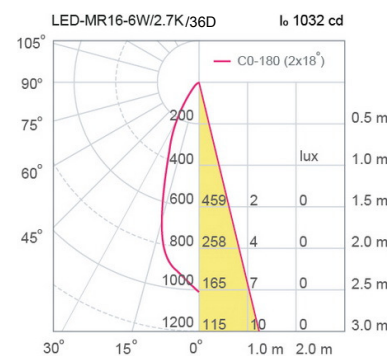
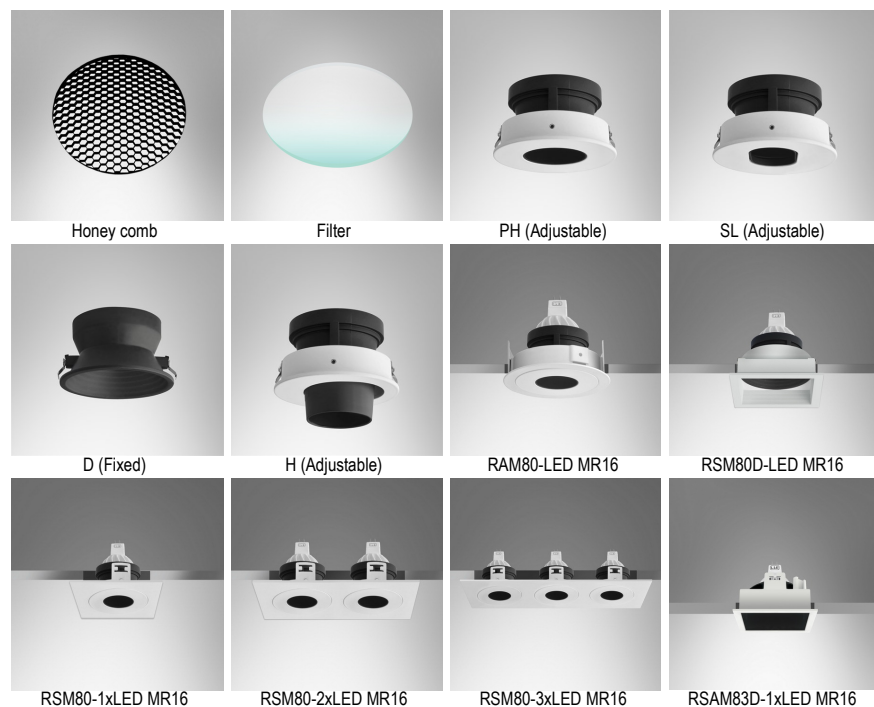
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications. PH (Adjustable) SL (Adjustable) D (Fixed) H (Adjustable)
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM80D/D/WH-XXLED-MR16	4-8W
RAM80D/PH/WH-XXLED-MR16	4-8W



Related Products



LED Recessed Downlight



TIS RFM83

Application

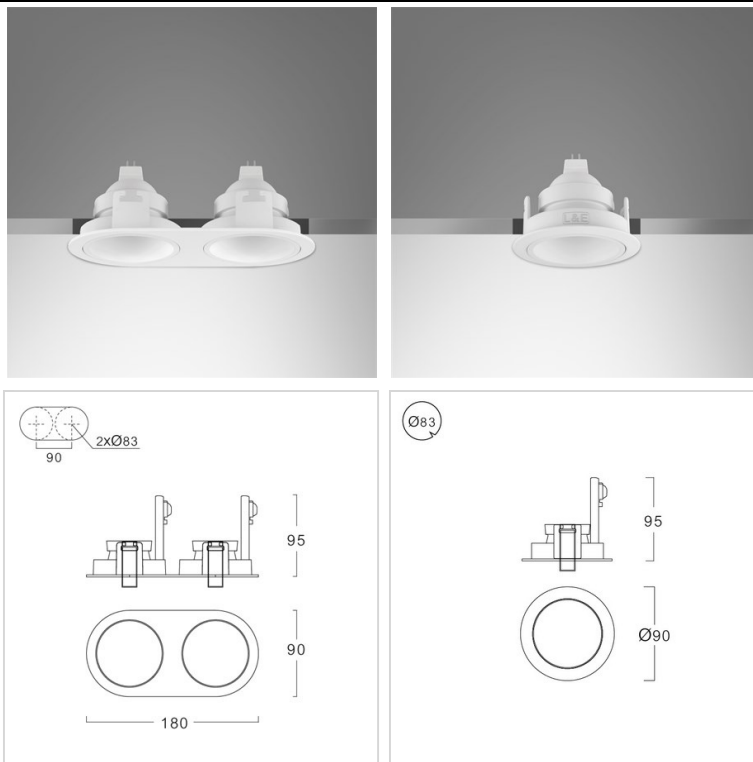
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

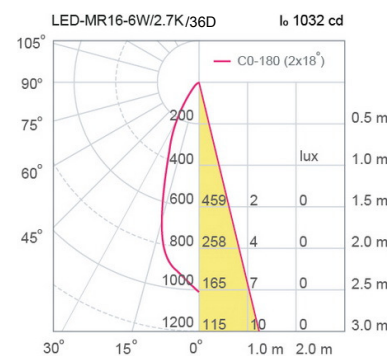
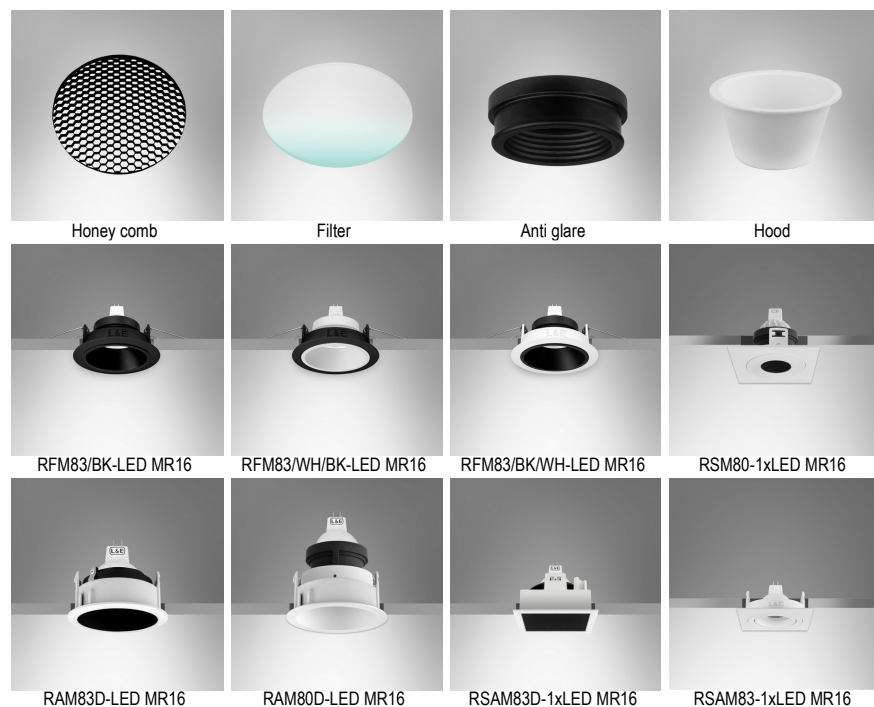
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder Coated in white/black
Finishing	Recessed
Mounting	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Power	LED-MR16
Light Source	GX5.3
Lamp Holder	2700-6500K
Colour Temperature	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Lamp Output	Separate magnetic or electronic transformer 220VAC 50Hz
Control Gear	> 0.9
Power Supply	II
Power Factor	20
Insulation Class	6W : 15,000 hrs. 7W : 25,000 hrs.
IP Rating	LED Lifetime
LED Lifetime	Equivalent
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM83/WH-1xXXLED-MR16	4-8W
RFM83/WH-2xXXLED-MR16	8-16W



Related Products



LED Recessed Downlight



TIS RAM83

Application

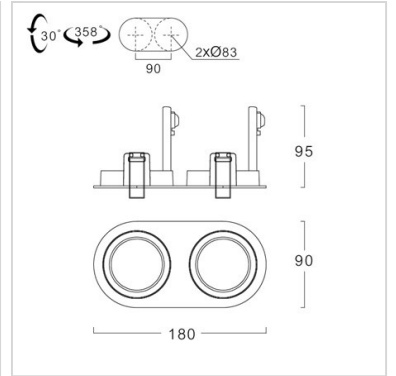
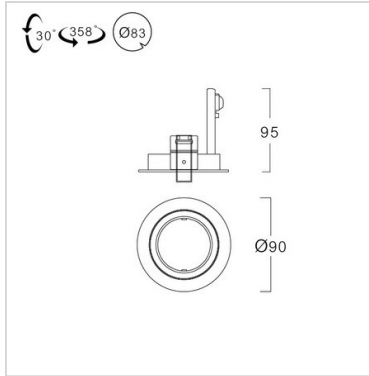
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

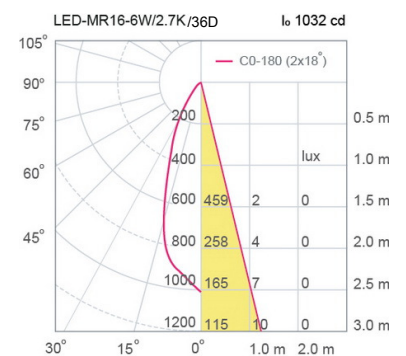
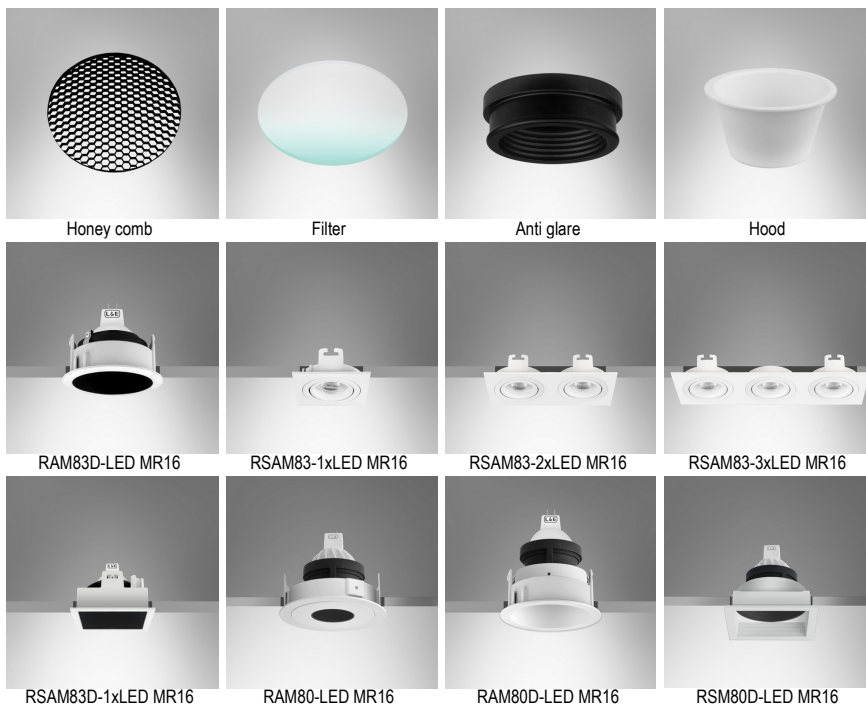
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM83/WH-1xXXLED-MR16	4-8W
RAM83/WH-2xXXLED-MR16	4-8W



Related Products



LED Recessed Downlight



TIS RAM83D

Application

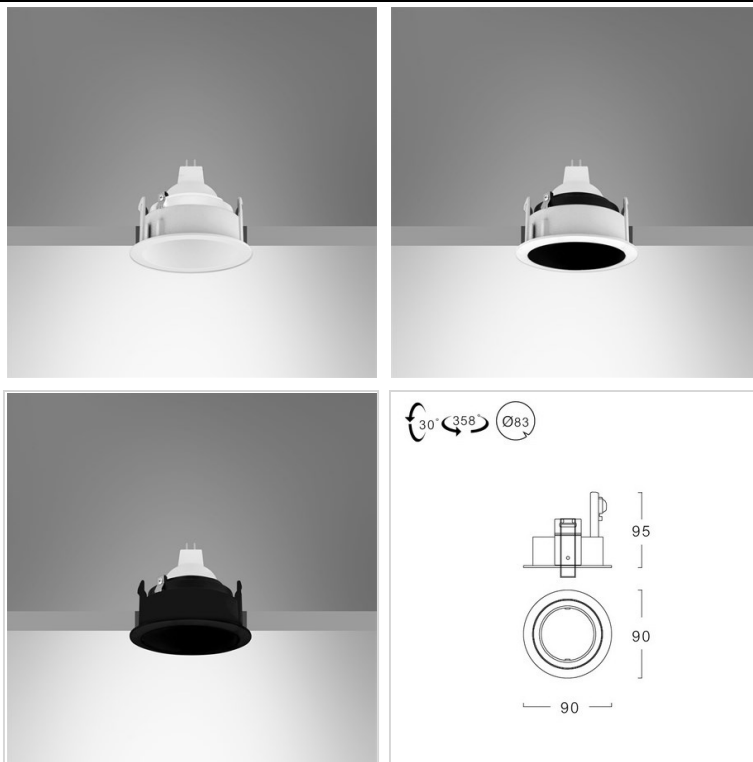
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

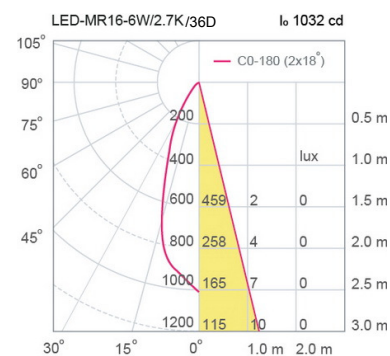
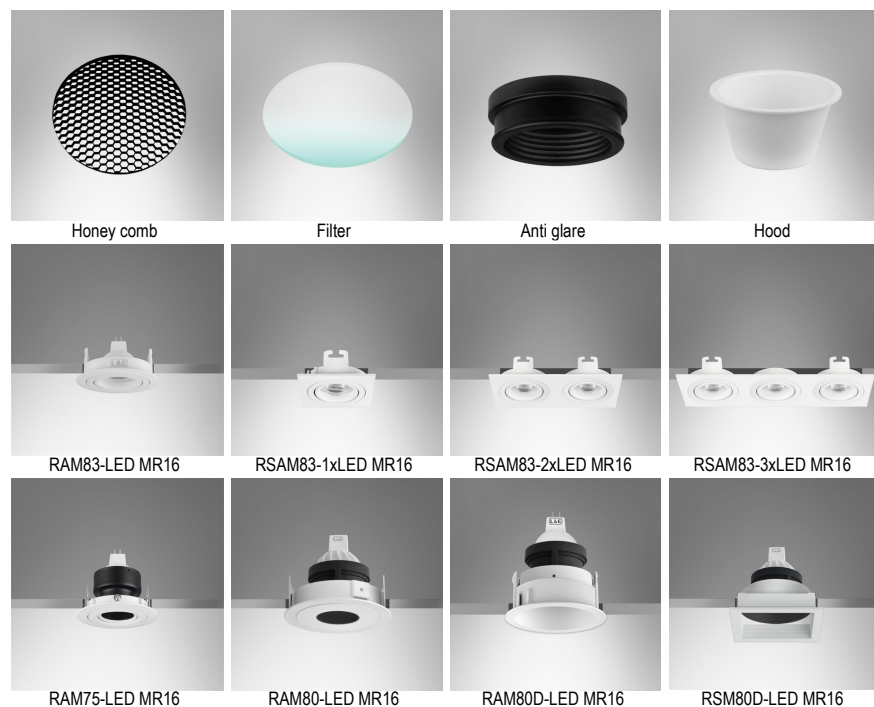
Housing	Die-cast aluminium
Description	3 different color matching are available for various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM83D/BK/WH-XXLED-MR16	4-8W
RAM83D/BK-XXLED-MR16	4-8W
RAM83D/WH-XXLED-MR16	4-8W



Related Products



LED Recessed Downlight



 TIS RFM76J

Application

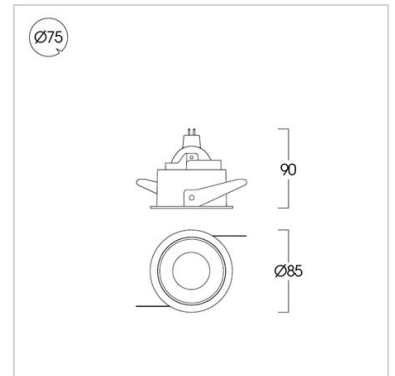
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

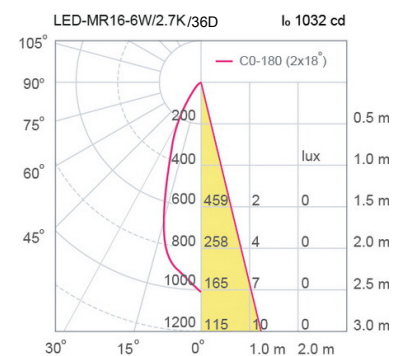
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM76J/BR/WH-XXLED	4-8W
RFM76J/MB/WH-XXLED	4-8W
RFM76J/MI/WH-XXLED	4-8W
RFM76J/WR/WH-XXLED	4-8W



Related Products



LED Recessed Downlight



TIS RFM76J/T

Application

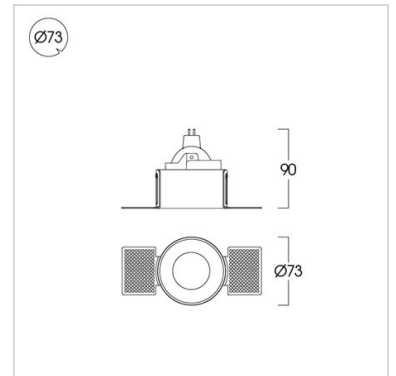
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

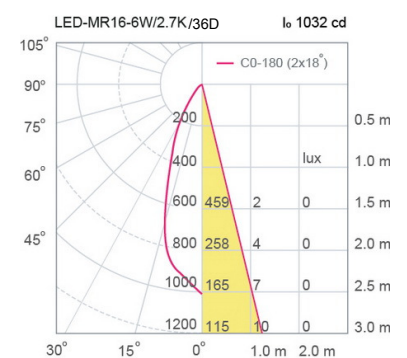
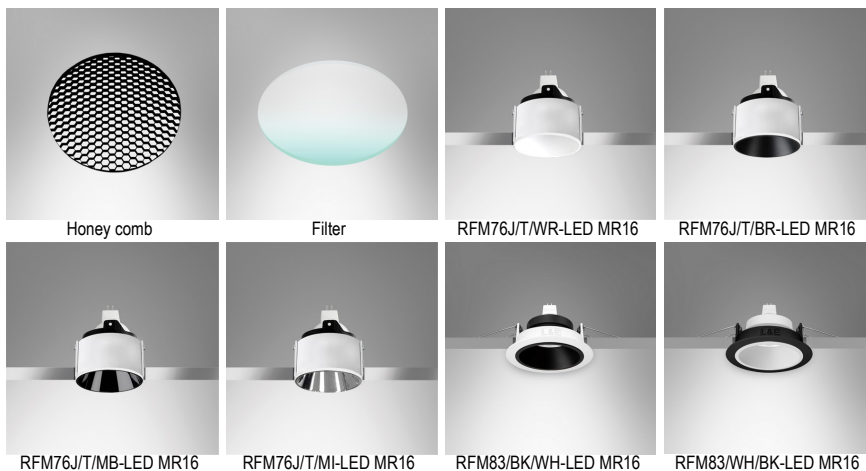
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM76J/T/BR/WH-XXLED	4-8W
RFM76J/T/MB/WH-XXLED	4-8W
RFM76J/T/MI/WH-XXLED	4-8W
RFM76J/T/WR/WH-XXLED	4-8W



Related Products



LED Recessed Downlight



TIS RAM76J

Application

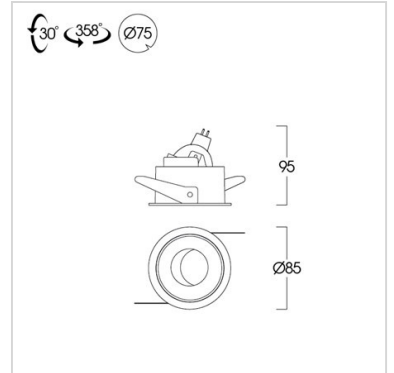
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

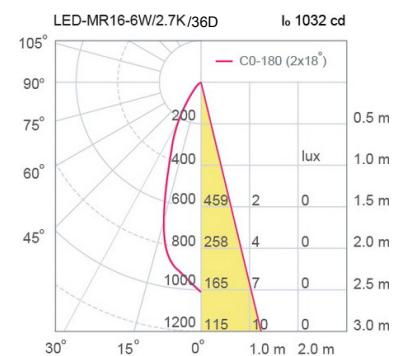
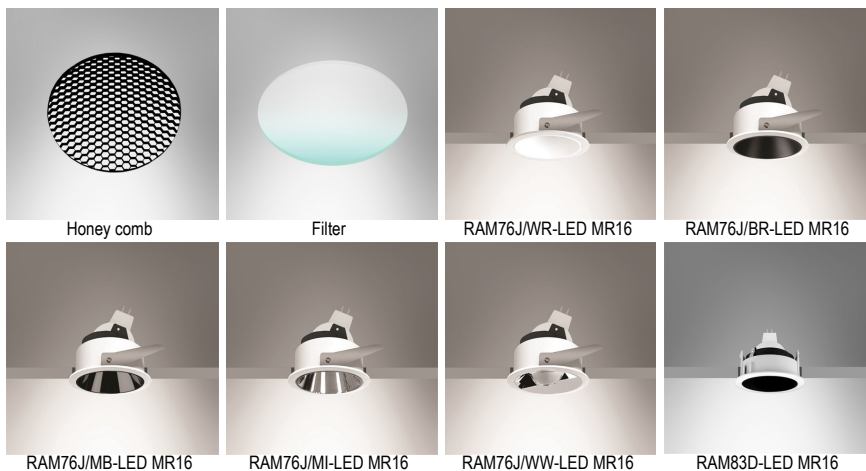
Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash)
Finishing	Powder coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM76J/BK/WH-XXLED	4-8W
RAM76J/MB/WH-XXLED	4-8W
RAM76J/MI/WH-XXLED	4-8W
RAM76J/WR/WH-XXLED	4-8W
RAM76J/WW/WH-XXLED	4-8W



Related Products



LED Recessed Downlight



TIS RAM76J/T

Application

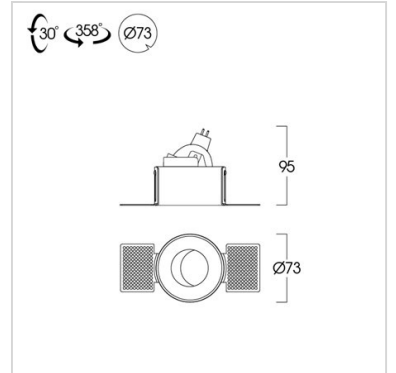
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

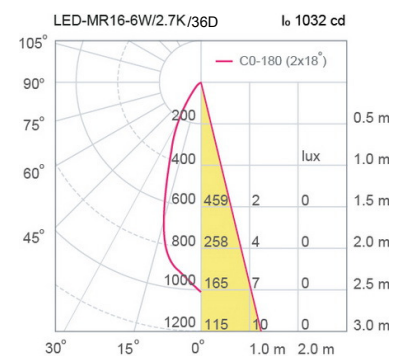
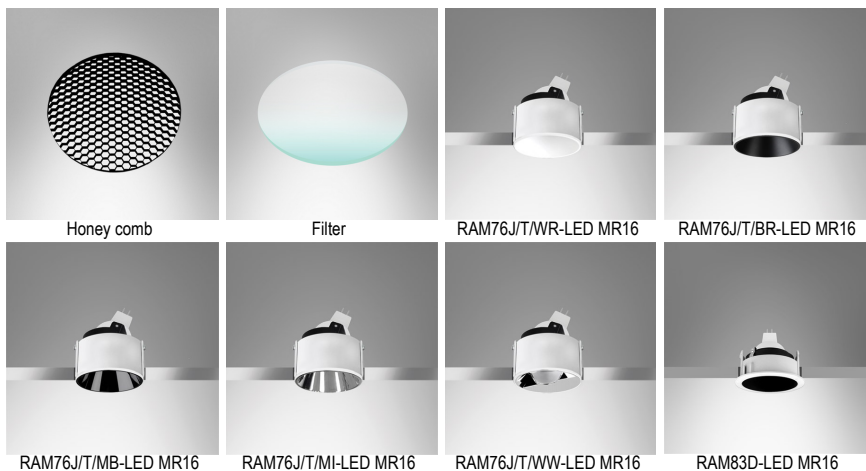
Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash)
Finishing	Powder coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM76J/T/BR/WH-XXLED	4-8W
RAM76J/T/MB/WH-XXLED	4-8W
RAM76J/T/MI/WH-XXLED	4-8W
RAM76J/T/WR/WH-XXLED	4-8W
RAM76J/T/WW/WH-XXLED	4-8W



Related Products



LED Recessed Downlight



TIS RFM78T

Application

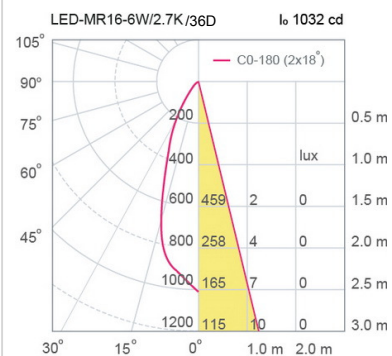
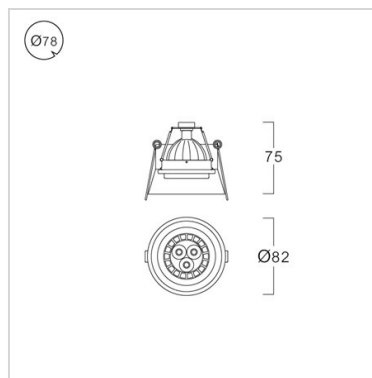
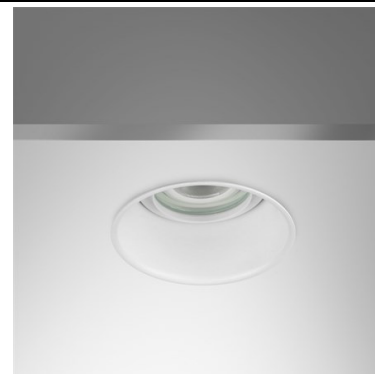
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

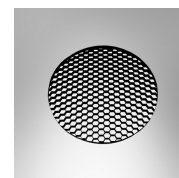
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM78T/WH-XXLED-MR16	4-8W



Related Products



Honey comb



RFM78T-LED MR16

TIS RAM78T

Application

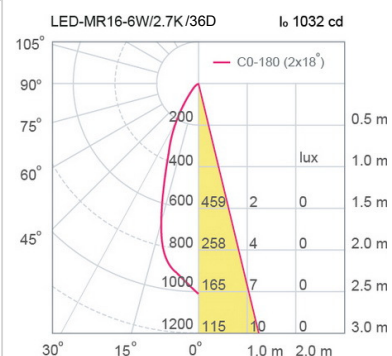
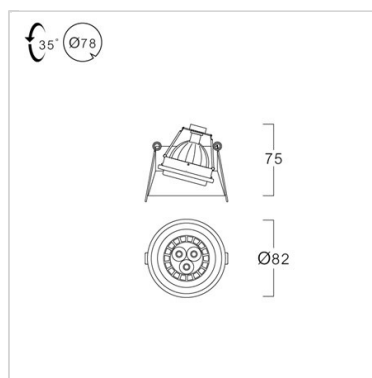
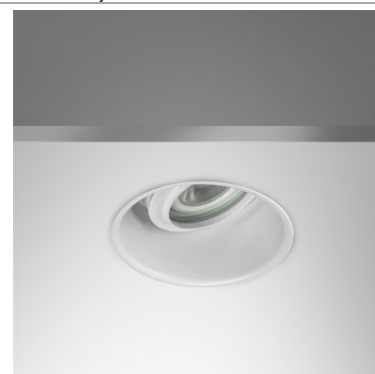
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

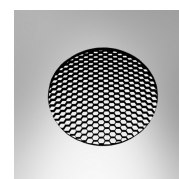
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM78T/WH-XXLED-MR16	4-8W



Related Products



Honey comb



RAM78T-LED MR16

LED Recessed Downlight



TIS RAQ144

Application

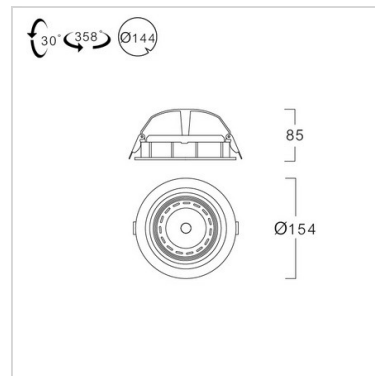
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	15/20W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RAQ144/WH-XXLED	15-20W



Related Products



RAQ160-LED QR111



RAQ160D-LED QR111



RSAQ150-1xLED QR111



RSAQ150-2xLED QR111



RSAQ150D-1xLED QR111



RSAQ150D-2xLED QR111



SSAQ150-1xLED QR111



SSAQ150-2xLED QR111

LED Recessed Downlight



TIS RAQ160

Application

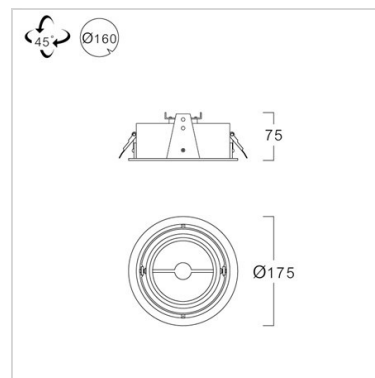
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in black/white
Mounting	Recessed
Power	15/20W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RAQ160/BK-XXLED	15-20W
RAQ160/WH-XXLED	15-20W



Related Products



Hood



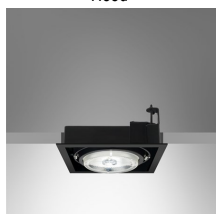
Hood



RAQ144-LED QR111



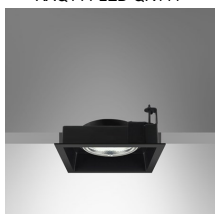
RAQ160D-LED QR111



RSAQ150-1xLED QR111



RSAQ150-2xLED QR111



RSAQ150D-1xLED QR111



RSAQ150D-2xLED QR111



SSAQ150-1xLED QR111



SSAQ150-2xLED QR111

LED Recessed Downlight



TIS RAQ160D

Application

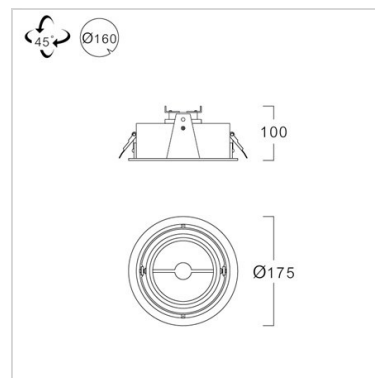
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in black/white
Mounting	Recessed
Power	15/20W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RAQ160D/BK-XXLED	15-20W
RAQ160D/WH-XXLED	15-20W



Related Products



Hood



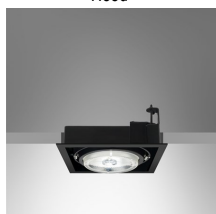
Hood



RAQ144-LED QR111



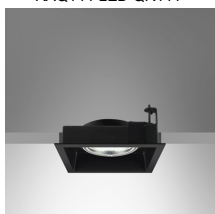
RAQ160-LED QR111



RSAQ150-1xLED QR111



RSAQ150-2xLED QR111



RSAQ150D-1xLED QR111



RSAQ150D-2xLED QR111



SSAQ150-1xLED QR111



SSAQ150-2xLED QR111

LED Recessed Downlight



TIS RAP81D

Application

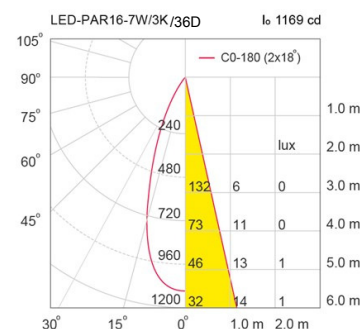
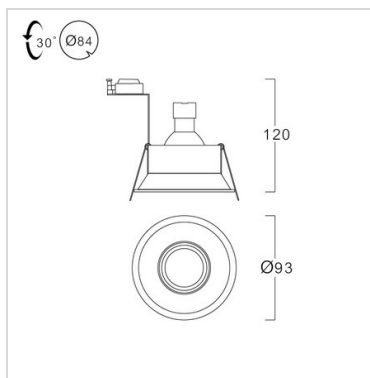
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RAP81D/WH-XXLED-PAR16	4-7W



Related Products



RFP74D-LED PAR16



RSFP74D-LED PAR16



RSAP81D-LED PAR16

TIS RAP90D

Application

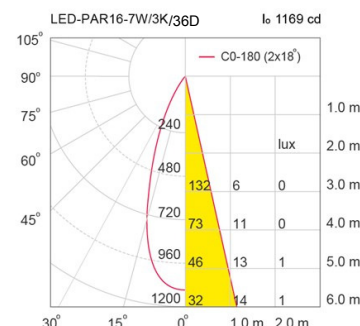
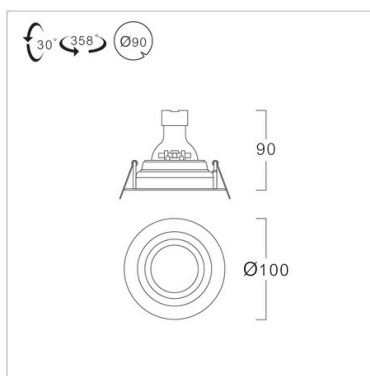
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RAP90D/WH-XXLED-PAR16	4-7W



Related Products



RFP74D-LED PAR16



RSFP74D-LED PAR16



RSAP81D-LED PAR16

LED Recessed Downlight



TIS RDC125T

Application

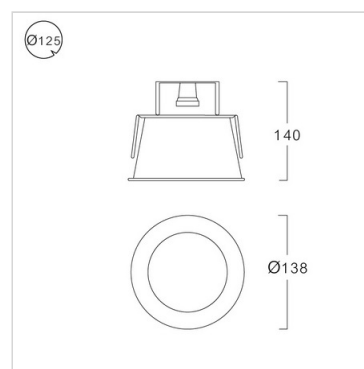
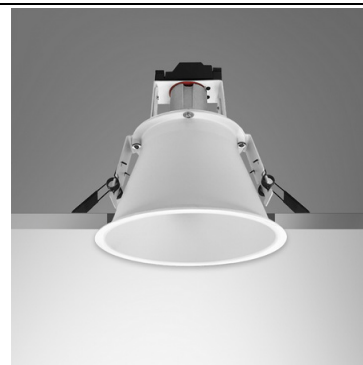
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	4-12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	4W : 3000/6500K : 350 lm 7W : 3000/6500K : 600 lm 9.5W : 3000/6500K : 810 lm 12W : 3000/6500K : 1050 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-18W

Ordering Data

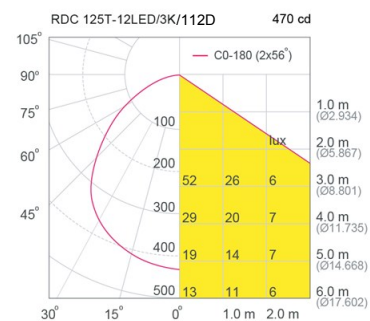
Model	Watt
RDC125T/WH-XXLED-BULB	4-12W



Related Products



MRDC125T-LED BULB



LED Recessed Downlight



TIS RDC135V

Application

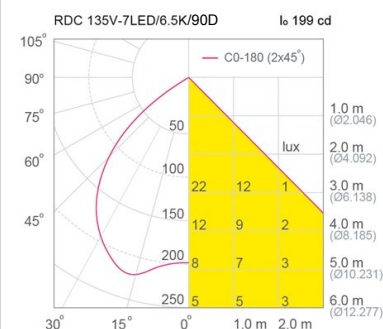
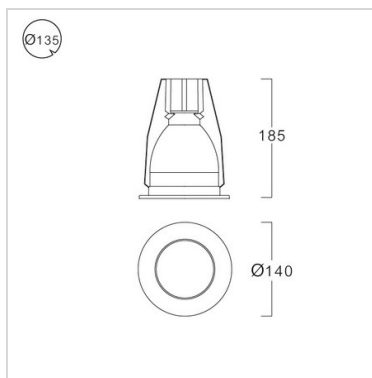
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Reflector	High quality aluminum
Mounting	Recessed
Power	4-7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	4W : 3000/6500K : 350 lm 6W : 3000/6500K : 510 lm 7W : 3000/6500K : 600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-14W

Ordering Data

Model	Watt
RDC135V/WH-XXLED-BULB	4-7W



TIS RDC155V

Application

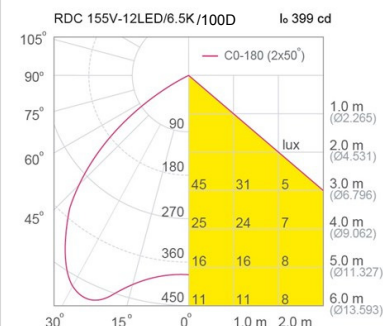
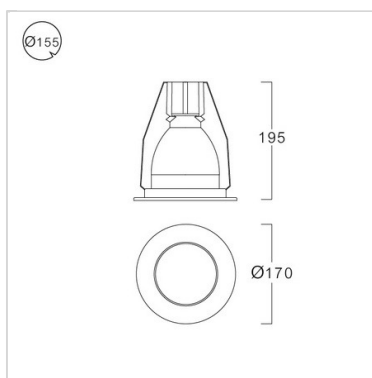
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Reflector	High quality aluminum
Mounting	Recessed
Power	7-12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	7W : 3000K/6500K : 600/650 lm 9.5W : 3000/6500K : 810/850 lm 12W : 3000/6500K : 1050/1125 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 14-18W

Ordering Data

Model	Watt
RDC155V/WH-XXLED-BULB	7-12W



LED Recessed Downlight



TIS EDC135V

Application

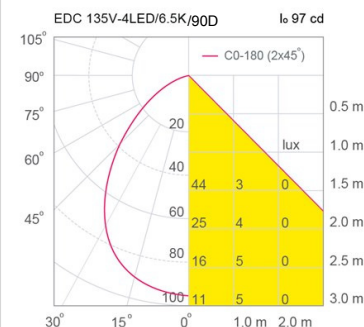
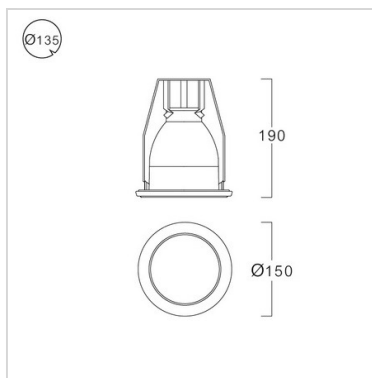
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium trim
Finishing	Powder Coated in white
Diffuser	Prismatic glass
Mounting	Recessed
Power	5W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	5W : 3000/6500K : 450 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8W

Ordering Data

Model	Watt
EDC135V/WH-XXLED-BULB	4W



TIS EDC155V

Application

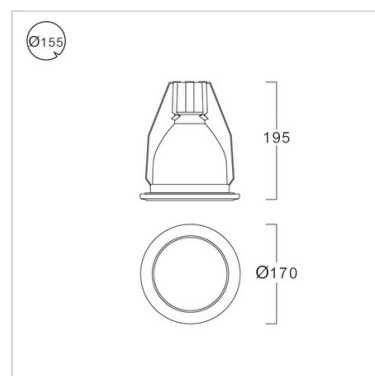
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium trim
Finishing	Powder Coated in white
Diffuser	Prismatic glass
Mounting	Recessed
Power	5-7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	5W : 3000/6500K : 450 lm 6W : 3000/6500K : 510 lm 7W : 3000/6500K : 600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-14W

Ordering Data

Model	Watt
EDC155V/WH-XXLED-BULB	4-7W



LED Recessed Downlight



TIS RFL35

Application

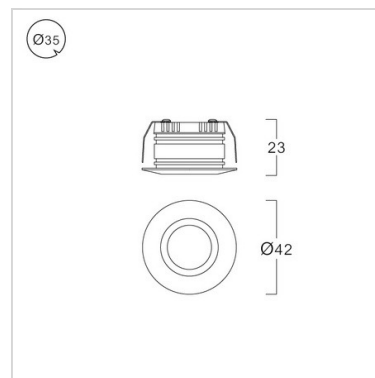
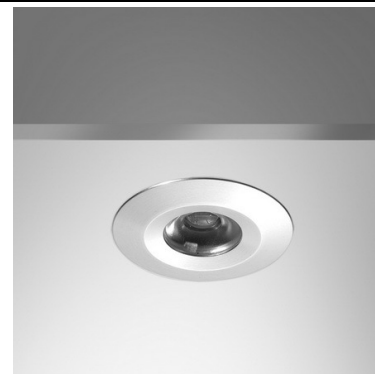
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Lathed aluminium
Finishing	Hair-line surface
Mounting	Recessed
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	134 lm
Beam Angle	15/25/40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	MR11 20W

Ordering Data

Model	Watt
RFL35/S-1LED	1W
RFL35/S-3LED	3W



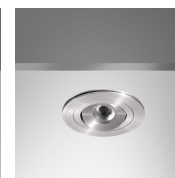
Related Products



RFL37-3W



RAL44-3W



RAL60-3W

TIS RFL37

Application

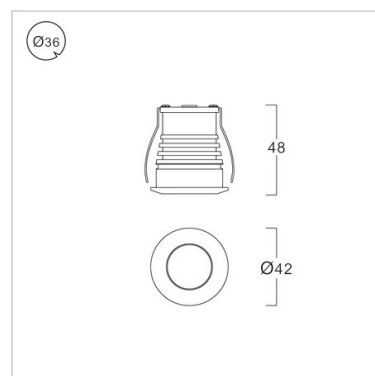
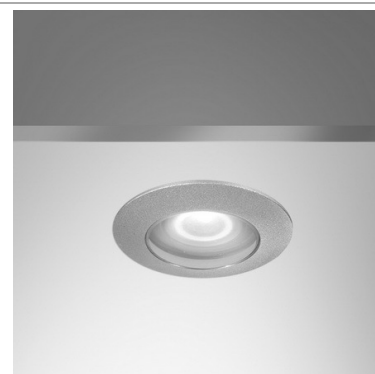
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Lathed aluminium
Finishing	Hair-line surface
Mounting	Recessed
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	104 lm
Beam Angle	15/25/40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	MR11 20W

Ordering Data

Model	Watt
RFL37/S-1LED	1W
RFL37/S-3LED	3W



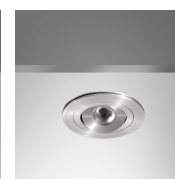
Related Products



RFL35-3W



RAL44-3W



RAL60-3W

LED Recessed Downlight



 TIS RFL35D

Application

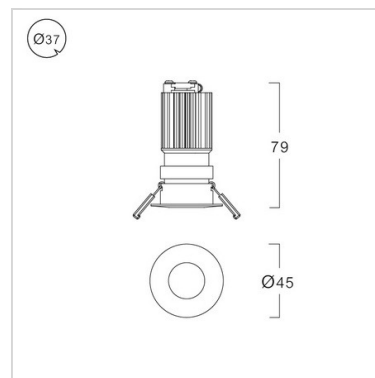
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	7W
Light Source	LED-COB
Colour Temperature	3000K
CRI	> 80
Lamp Output	397 lm
Luminaire Output	249 lm*
Beam Angle	24/36/40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL35D/WH-7LED	7W



Related Products



RFL35-3W



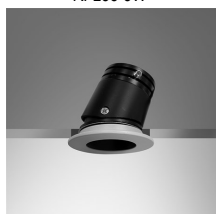
RFL37-3W



RAL44-3W



RAL60-3W



RAL40D-3W



RFL40D-7W



RAL67-7W

LED Recessed Downlight



 TIS RFL40D

Application

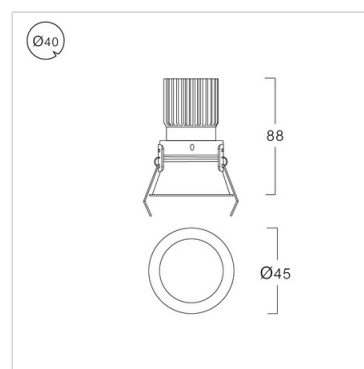
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	7W
Light Source	LED-COB
Colour Temperature	3000K/4000K
Luminaire Output	550 lm
Beam Angle	40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	7W : MR16 50W

Ordering Data

Model	Watt
RFL40D/WH-7LED	7W



LED Recessed Downlight



Application

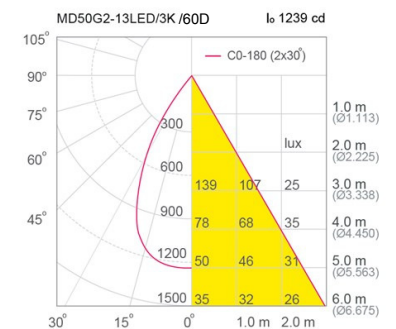
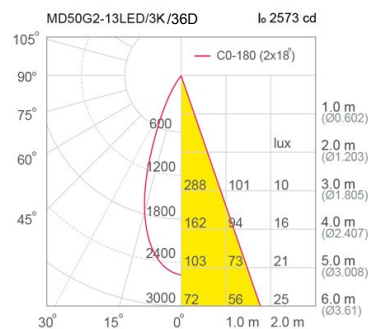
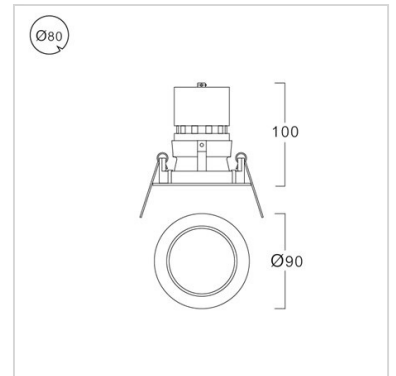
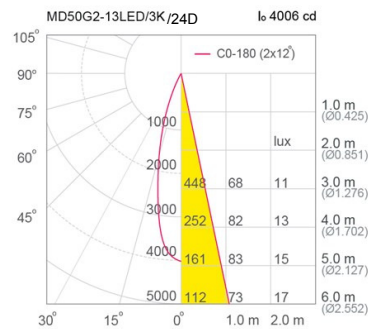
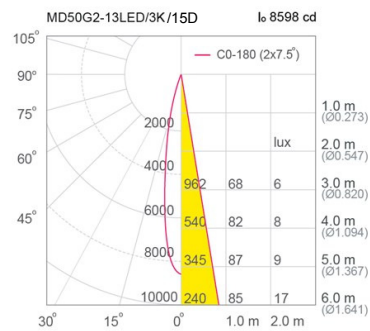
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/38/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL77/WH-13LED	13W



Related Products



LED Recessed Downlight



TIS RAL75

Application

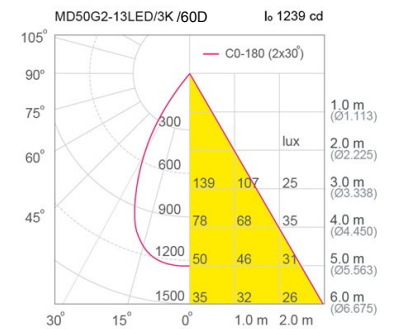
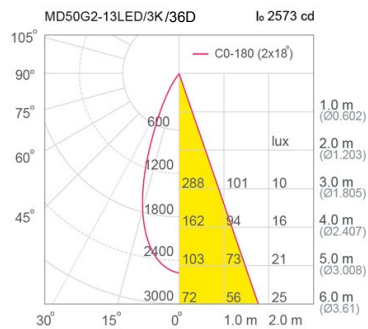
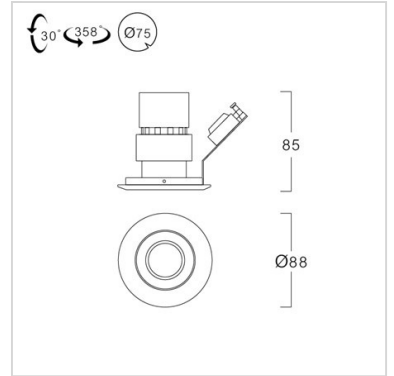
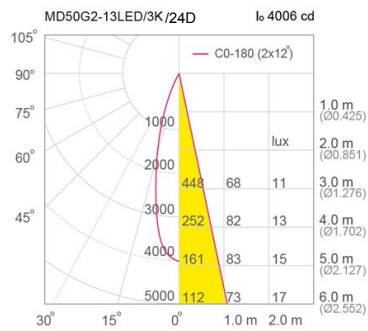
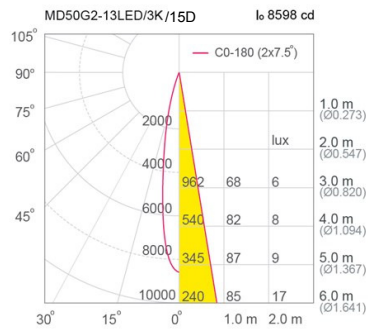
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL75/WH-13LED	13W



Related Products



LED Recessed Downlight



TIS RFL76J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium
Description 4 different lamp heads are available for various applications

WR (front reflector white)
BR (front reflector black)
MB (front reflector mirror black)
MI (front reflector mirror chrome)

Finishing

Mounting

Power 13W

Light Source LED-COB

Colour Temperature 3000/4000/5000K

CRI >90/ >90/ >80

Lamp Output 1333/1397/1530 lm

Luminaire Output 950/995/1090 lm*

Beam Angle 15/24/36/60 Degree

UGR <19

Control Gear Separate driver

Power Supply 220VAC 50Hz

Power Factor > 0.9

Insulation Class II

IP Rating 20

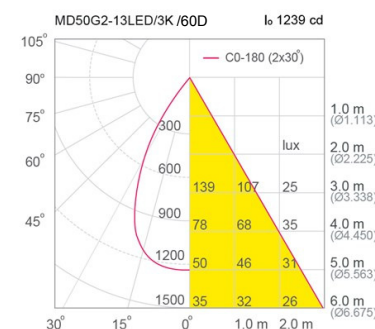
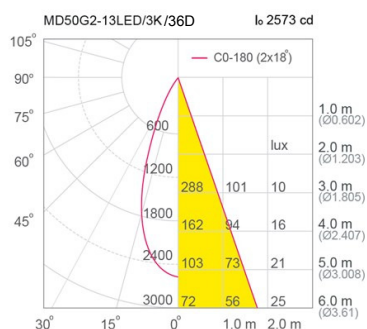
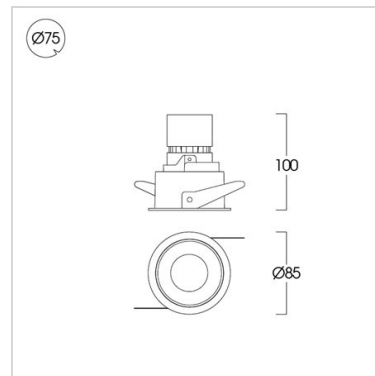
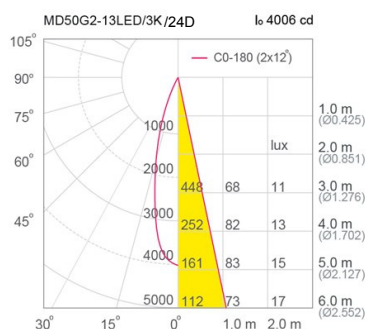
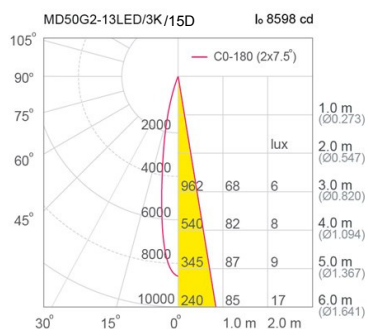
Luminaire Lifetime 25,000 hrs.

Equivalent MR16 50W

Remarks *Value at 36 Degree

Ordering Data

Model	Watt
RFL76J/BR/WH-13LED	13W
RFL76J/MB/WH-13LED	13W
RFL76J/MI/WH-13LED	13W
RFL76J/WR/WH-13LED	13W



Related Products



LED Recessed Downlight



TIS RFL76J/T

Application

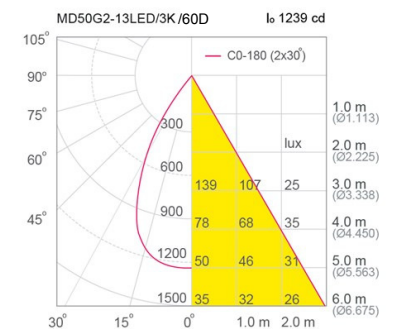
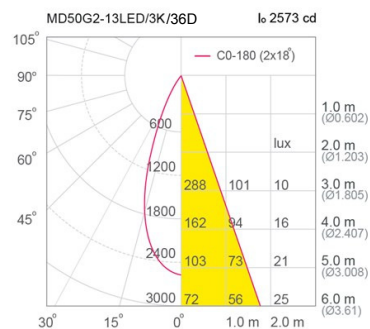
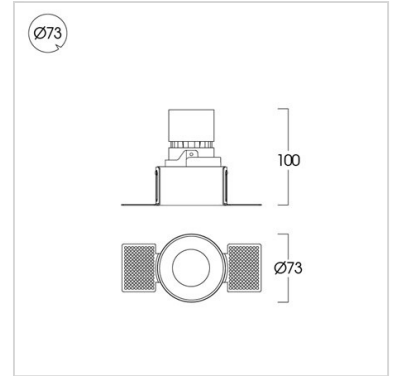
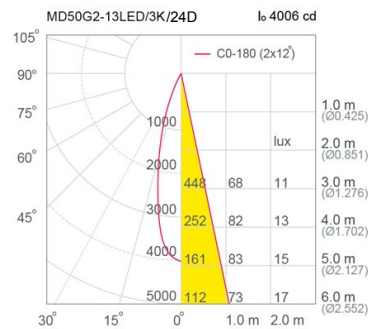
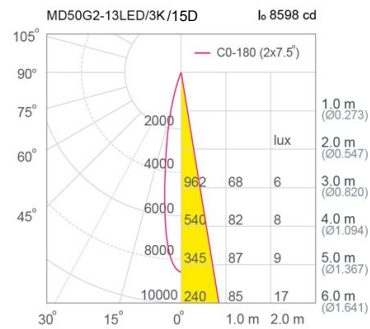
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white
Finishing	Recessed
Mounting	13W
Power	LED-COB
Light Source	3000/4000/5000K
Colour Temperature	>90/ >90/ >80
CRI	1333/1397/1530 lm
Lamp Output	950/995/1090 lm*
Luminaire Output	15/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	220VAC 50Hz
Power Supply	> 0.9
Power Factor	II
Insulation Class	20
IP Rating	25,000 hrs.
Luminaire Lifetime	MR16 50W
Equivalent	*Value at 36 Degree
Remarks	

Ordering Data

Model	Watt
RFL76J/T/BR/WH-13LED	13W
RFL76J/T/MB/WH-13LED	13W
RFL76J/T/MI/WH-13LED	13W
RFL76J/T/WR/WH-13LED	13W



Related Products



LED Recessed Downlight



TIS RAL44

Application

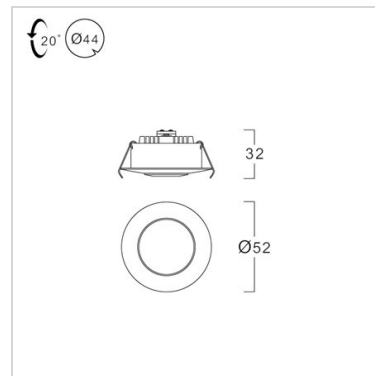
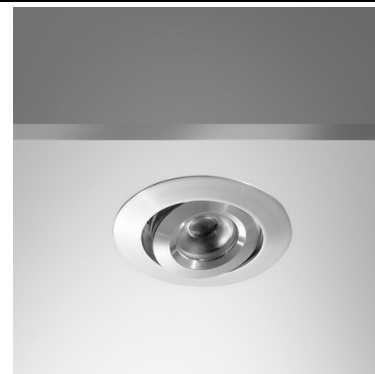
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Lathed aluminium
Finishing	Hair-line surface
Mounting	Recessed
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	134 lm
Beam Angle	15/25/40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	MR11 20W

Ordering Data

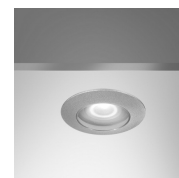
Model	Watt
RAL44/S-3LED	3W



Related Products



RFL35-3W



RFL37-3W



RAL60-3W

TIS RAL60

Application

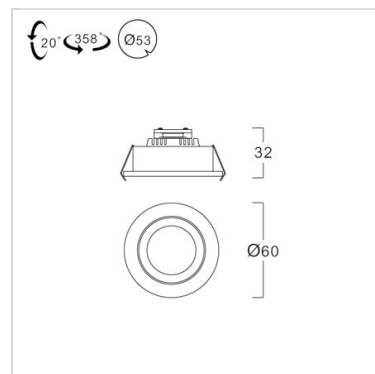
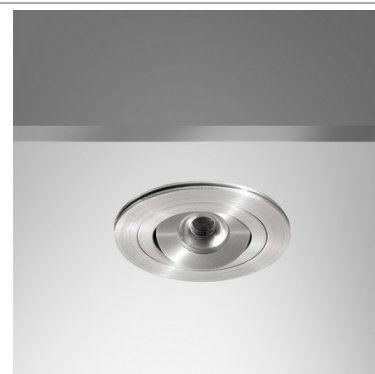
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Lathed aluminium
Finishing	Hair-line surface
Mounting	Recessed
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	134 lm
Beam Angle	15/25/40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	MR11 20W

Ordering Data

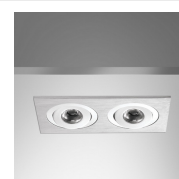
Model	Watt
RAL60/S-3LED	3W



Related Products



RSAL60-1x3W



RSAL60-2x3W



RSAL60-3x3W

LED Recessed Downlight



TIS RAL76J

Application

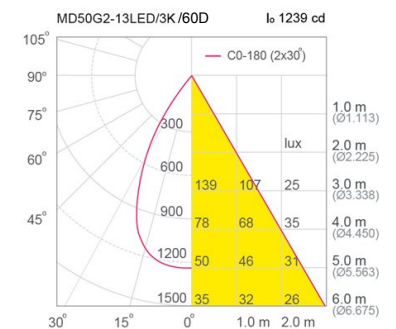
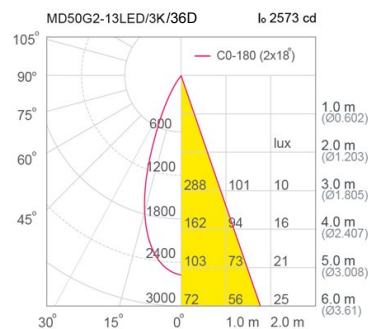
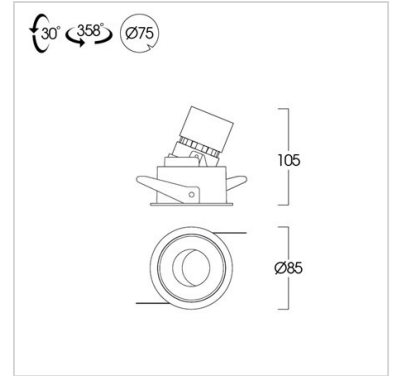
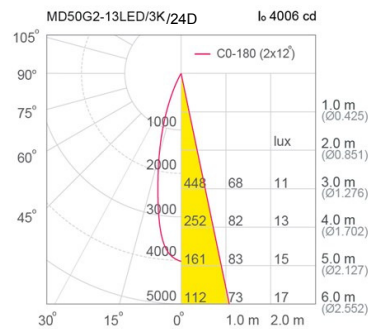
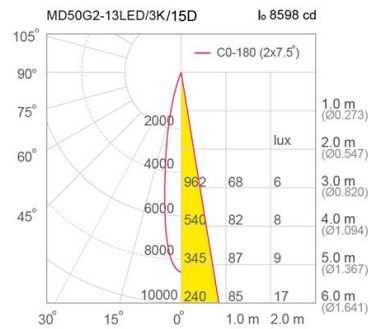
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

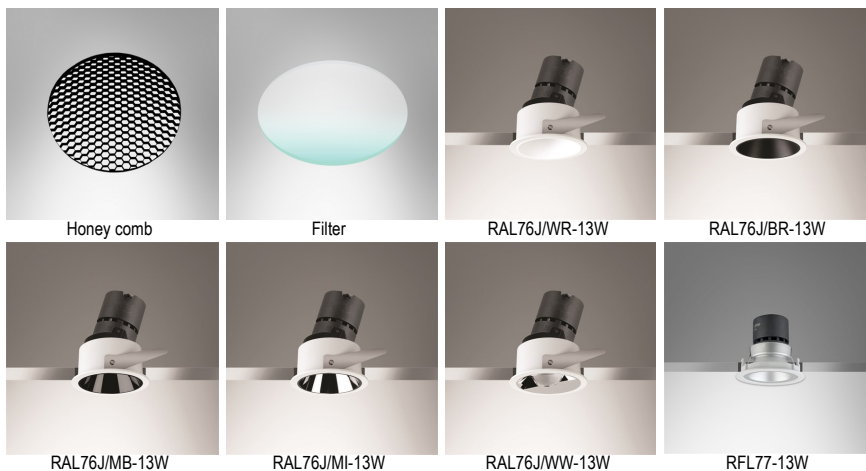
Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash) Powder coated in white
Finishing	Recessed
Mounting	13W
Power	LED-COB
Light Source	3000/4000/5000K
Colour Temperature	>90/ >90/ >80
CRI	1333/1397/1530 lm
Lamp Output	950/995/1090 lm*
Luminaire Output	15/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	220VAC 50Hz
Power Supply	> 0.9
Power Factor	II
Insulation Class	20
IP Rating	25,000 hrs.
Luminaire Lifetime	MR16 50W
Equivalent	*Value at 36 Degree
Remarks	

Ordering Data

Model	Watt
RAL76J/BR/WH-13LED	13W
RAL76J/MB/WH-13LED	13W
RAL76J/MI/WH-13LED	13W
RAL76J/WR/WH-13LED	13W
RAL76J/WW/WH-13LED	13W



Related Products



LED Recessed Downlight



TIS RAL76J/T

Application

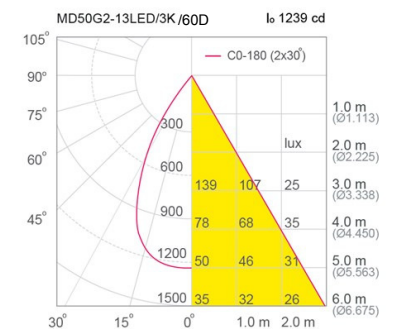
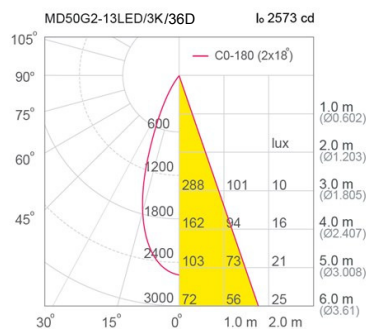
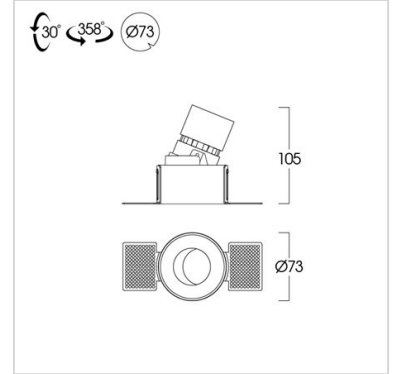
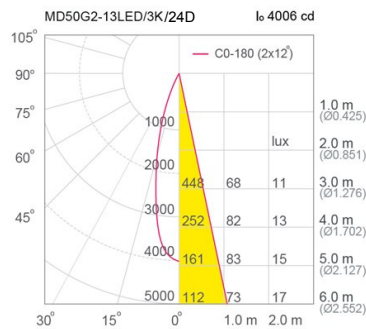
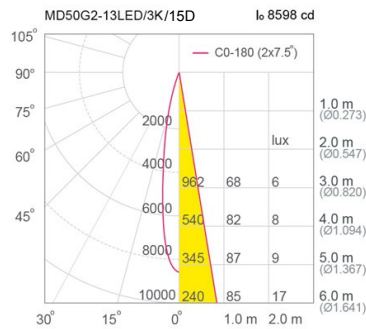
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash) Powder coated in white
Finishing	Recessed
Mounting	13W
Power	LED-COB
Light Source	3000/4000/5000K
Colour Temperature	>90/ >90/ >80
CRI	1333/1397/1530 lm
Lamp Output	950/995/1090 lm*
Luminaire Output	15/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	220VAC 50Hz
Power Supply	> 0.9
Power Factor	II
Insulation Class	20
IP Rating	25,000 hrs.
Luminaire Lifetime	MR16 50W
Equivalent	*Value at 36 Degree
Remarks	

Ordering Data

Model	Watt
RAL76J/T/BR/WH-13LED	13W
RAL76J/T/MB/WH-13LED	13W
RAL76J/T/MI/WH-13LED	13W
RAL76J/T/WR/WH-13LED	13W
RAL76J/T/WW/WH-13LED	13W



Related Products



LED Recessed Downlight



Application

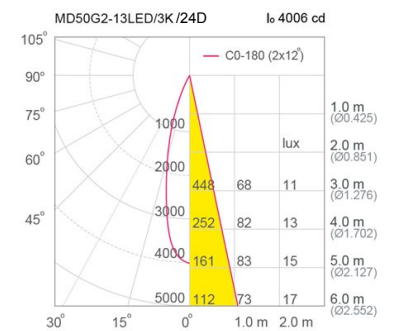
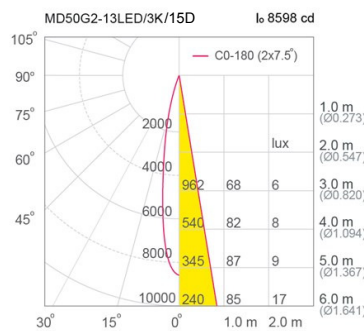
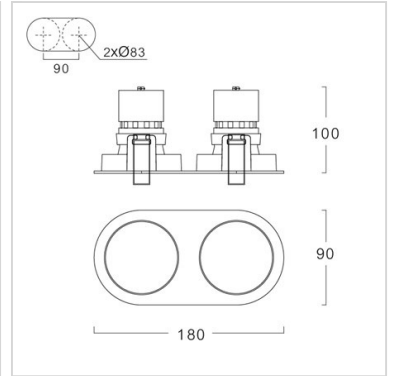
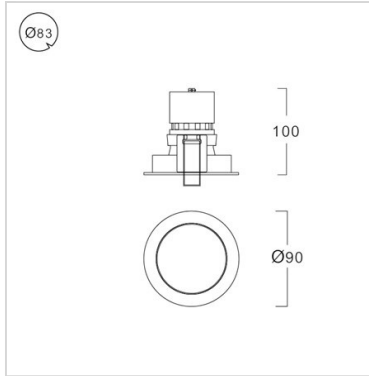
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

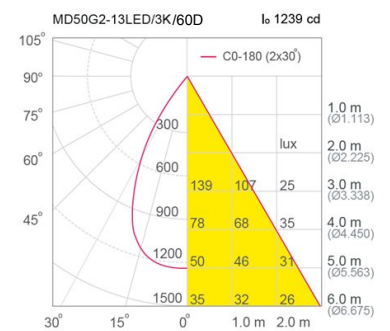
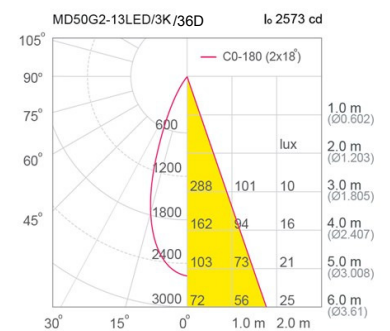
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder coated in white / black
Finishing	Recessed
Mounting	1 lamp : 13W 2 lamps : 26W
Power	LED-COB
Light Source	3000/4000/5000K
Colour Temperature	>90/ >90/ >80
CRI	1333/1397/1530 lm
Lamp Output	1046/1096/1200 lm*
Luminaire Output	15/24/36/60 Degree
Beam Angle	Separate driver
Control Gear	220VAC 50Hz
Power Supply	> 0.9
Power Factor	II
Insulation Class	20
IP Rating	25,000 hrs
Luminaire Lifetime	MR16 50W
Equivalent	*Value at 24 Degree
Remarks	

Ordering Data

Model	Watt
RFL83/WH-1x13LED	13W
RFL83/WH-2x13LED	26W



Related Products



LED Recessed Downlight



TIS RAL83

Application

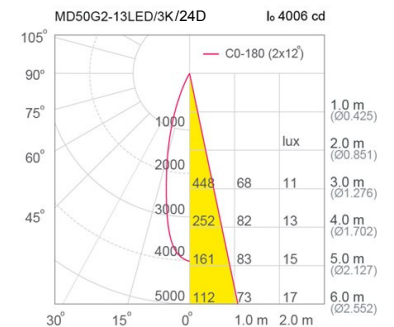
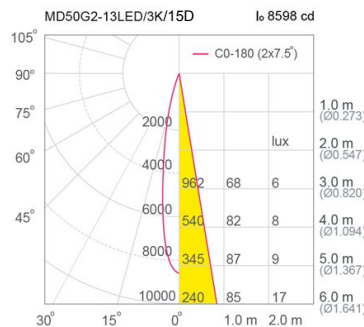
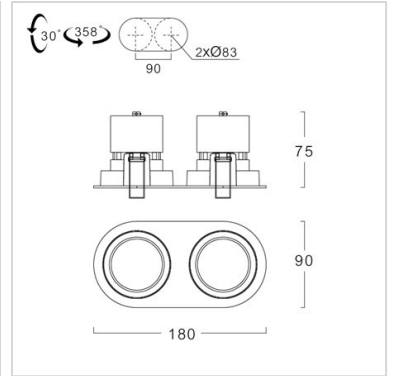
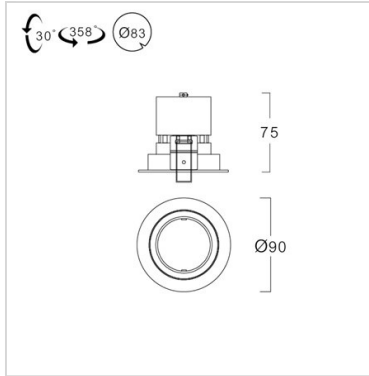
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

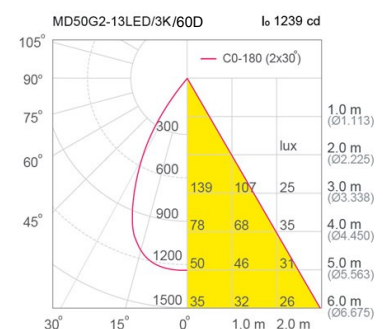
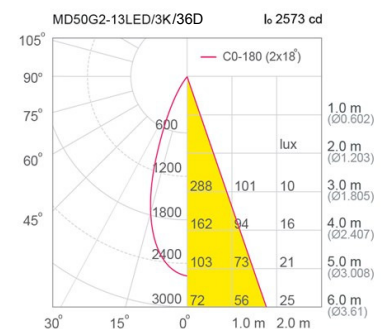
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 13W 2 lamps : 26W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL83/WH-13LED	13W
RAL83/WH-2x13LED	26W



Related Products



LED Recessed Downlight



TIS RAL83D

Application

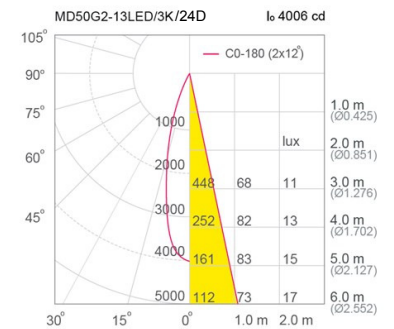
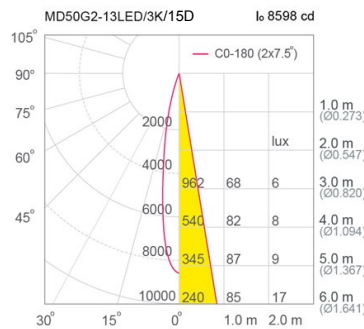
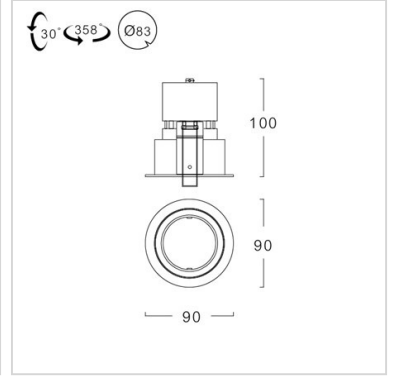
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

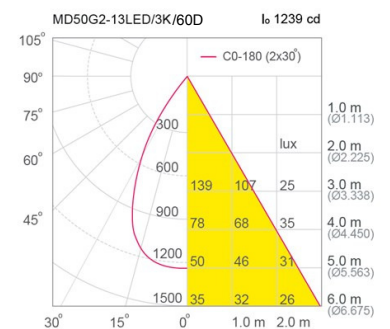
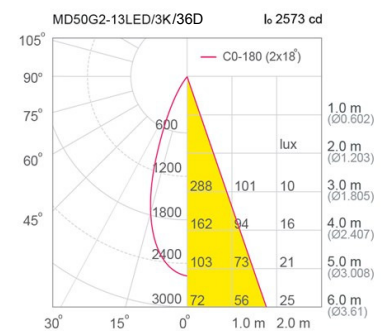
Housing	Die-cast aluminium
Description	3 different color matching are available or various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white
Finishing	Powder coated in white/black
Mounting	Recessed
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL83D/BK/WH-13LED	13W
RAL83D/BK-13LED	13W
RAL83D/WH-13LED	13W



Related Products



LED Recessed Downlight



Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium
Description 4 different lamp heads are available for various applications.

Finishing

Mounting

Power

Light Source

Colour Temperature

CRI

Lamp Output

Luminaire Output

Beam Angle

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

Luminaire Lifetime

Equivalent

Remarks

Die-cast aluminium

4 different lamp heads are available for various applications.

PH (Adjustable)

SL (Adjustable)

D (Fixed)

H (Adjustable)

Powder coated in white

Recessed

13W

LED-COB

3000/4000/5000K

>90/ >90/ >80

1333/1397/1530 lm

1046/1096/1200 lm*

15/24/36/60 Degree

Separate driver

220VAC 50Hz

> 0.9

II

20

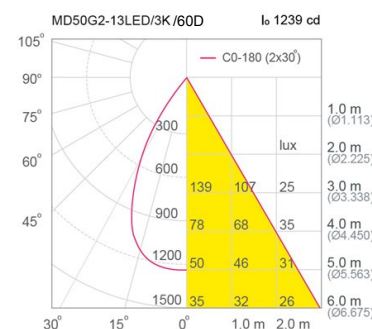
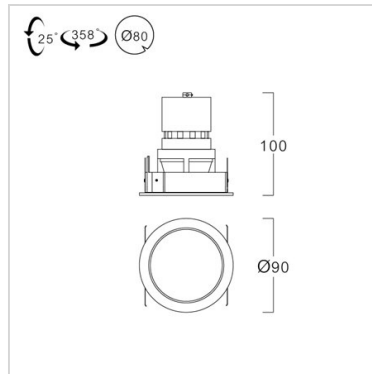
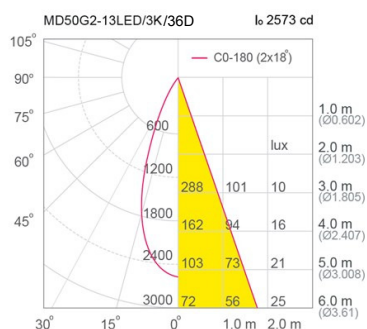
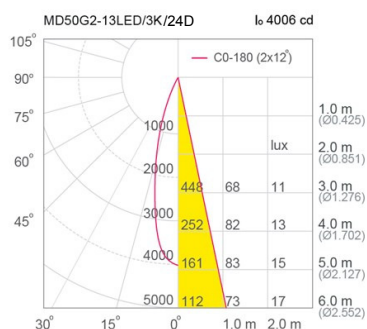
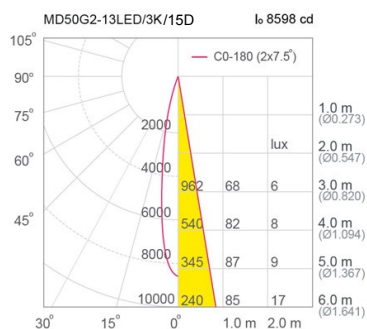
25,000 hrs

MR16 50W

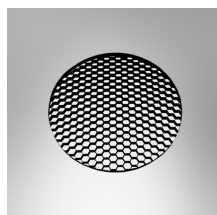
*Value at 24 Degree

Ordering Data

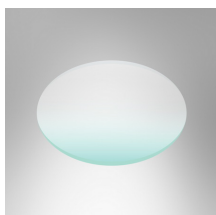
Model	Watt
RAL80/D/WH-13LED	13W
RAL80/H/WH-13LED	13W
RAL80/PH/WH-13LED	13W
RAL80/SL/WH-13LED	13W



Related Products



Honey comb



Filter



PH (Adjustable)



SL (Adjustable)



D (Fixed)



H (Adjustable)



RAL83-13W



RAL83D-13W



RSAL83-1x13W



RAL75-13W



RFL83-13W



RFL74D-13W

LED Recessed Downlight



TIS RAL80D

Application

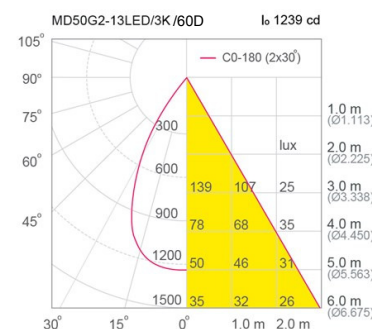
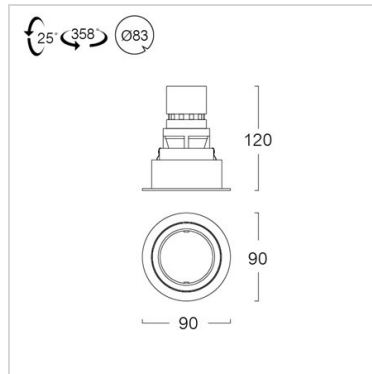
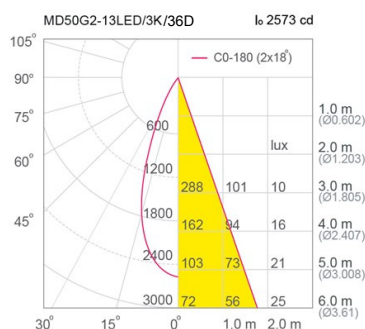
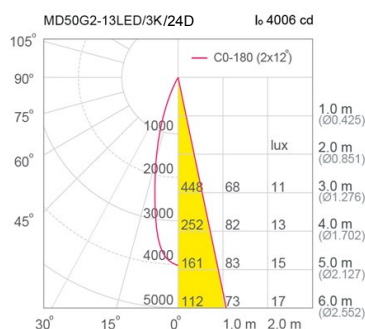
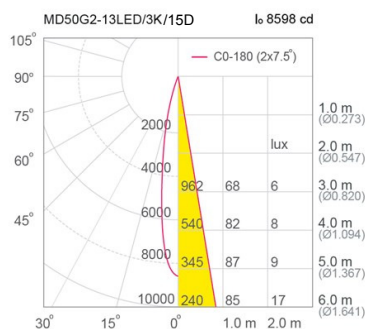
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	3 different lamp heads are available for various applications. PH (Adjustable) SL (Adjustable) H (Adjustable)
Finishing	Powder coated in white
Mounting	Recessed
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL80D/H/WH-13LED	13W
RAL80D/PH/WH-13LED	13W
RAL80D/SL/WH-13LED	13W



Related Products



LED Recessed Downlight



TIS ERDL100

Application

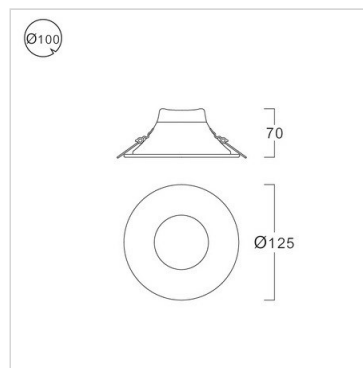
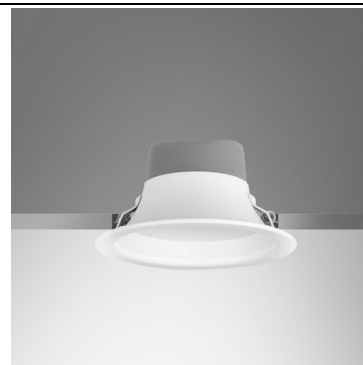
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

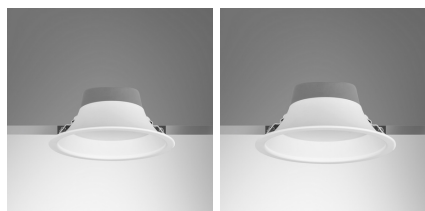
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	10W : 1120/1215/1290lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 973/1051/1118 lm 14W : 1363/1472/1594 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : CFL 18W 14W : CFL 26W

Ordering Data

Model	Watt
L&E#ERDL100/WH-10LED	10W
L&E#ERDL100/WH-14LED	14W

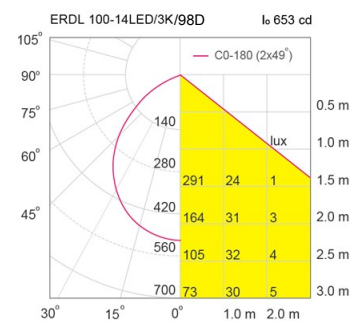
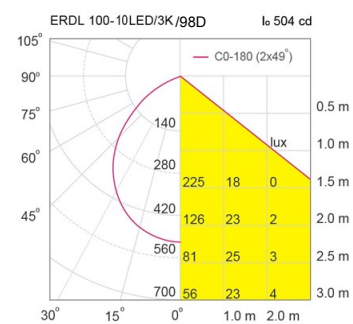


Related Products



ERDL150-17/20W

ERDL200-23/27W



LED Recessed Downlight



TIS ERDL150

Application

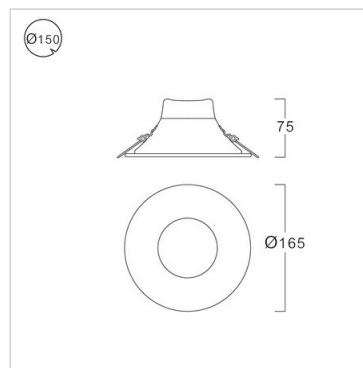
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

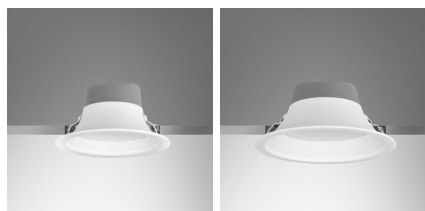
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	17/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	17W : 1870/2015/2190lm 20W : 2200/2370/2575lm
Luminaire Output	17W : 1584/1710/1853 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	17W : CFL 32W 20W : CFL 2x18W

Ordering Data

Model	Watt
L&E#ERDL150/WH-17LED	17W
L&E#ERDL150/WH-20LED	20W

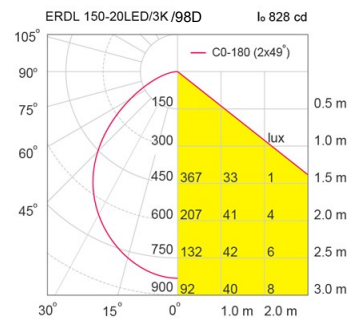
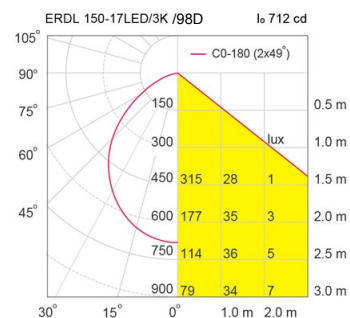


Related Products



ERDL100-10/14W

ERDL200-23/27W



LED Recessed Downlight



ERDL200

Application

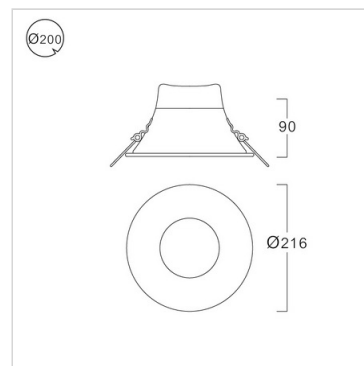
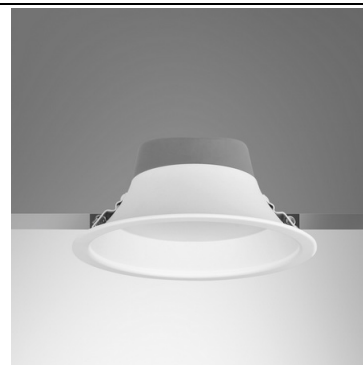
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	23W : 2198/2373/2571 lm 27W : 2462/2658//2880 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W:CFL 2x26W 27W:CFL 2x32W

Ordering Data

Model	Watt
L&E#ERDL200/WH-23LED	23W
L&E#ERDL200/WH-27LED	27W

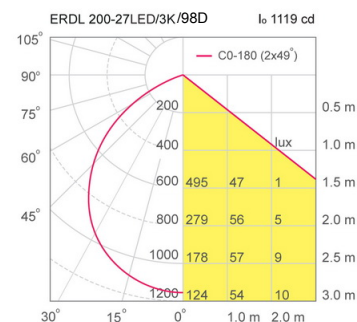
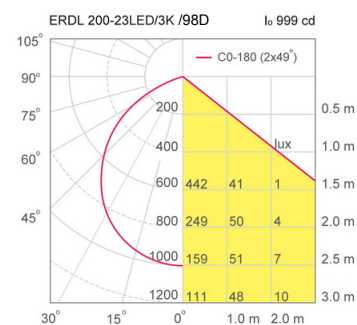


Related Products



ERDL100-10/14W

ERDL150-17/20W



LED Recessed Downlight



TIS ERDL250

Application

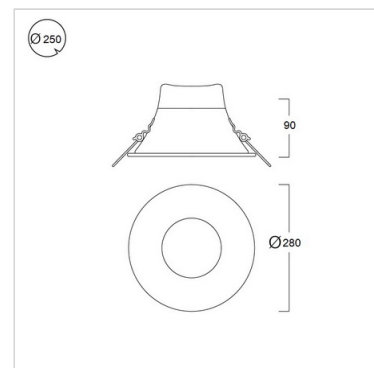
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

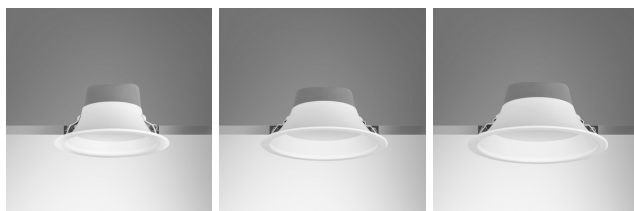
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	30W : 3500/3770/4015 lm
Luminaire Output	30W : 3000/3210/3434 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	30W : CFL 2x32W

Ordering Data

Model	Watt
L&E#ERDL250/WH-30LED	30W



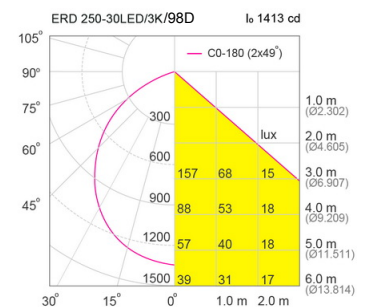
Related Products



ERDL100-10/14W

ERDL150-17/20W

ERDL200-23/27W



LED Recessed Downlight



TIS RDL110P

Application

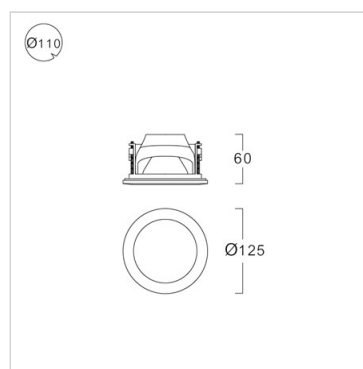
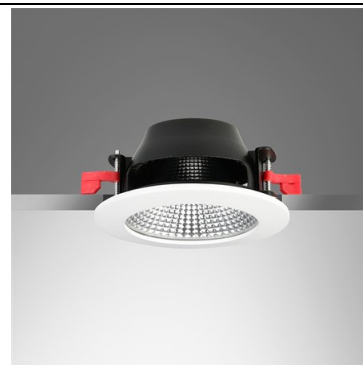
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium/Plastic
Finishing	Powder coated in white
Diffuser	Tempered clear glass
Mounting	Recessed
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	10W : 912 lm 14W : 1278 lm
Beam Angle	80 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.

Ordering Data

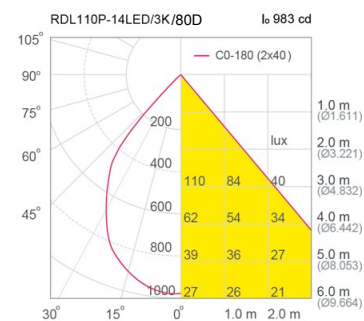
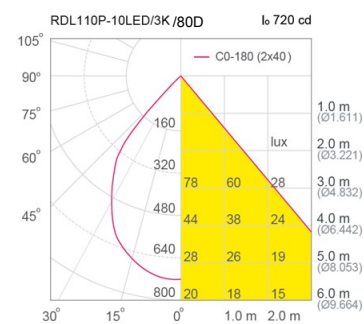
Model	Watt
RDL110P/WH-10LED	10W
RDL110P/WH-14LED	14W



Related Products



RDL151P-23LED/ 30LED



LED Recessed Downlight



TIS RDL151P

Application

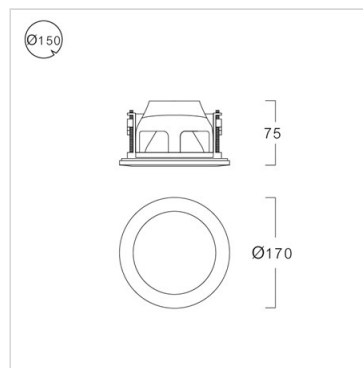
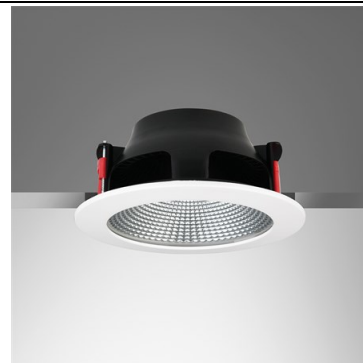
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium/Plastic
Finishing	Powder coated in white
Diffuser	Tempered clear glass
Mounting	Recessed
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	23W : 2300 lm 30W : 3000 lm
Beam Angle	80 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.

Ordering Data

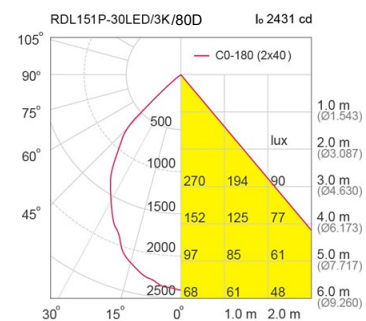
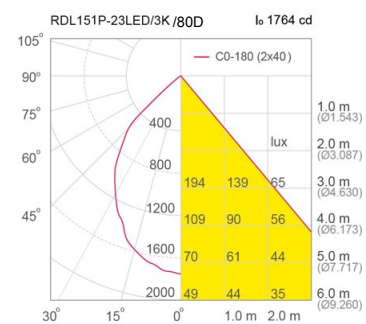
Model	Watt
L&E#RDL151P/WH-23LED	23W
L&E#RDL151P/WH-30LED	30W



Related Products



RDL110P-10LED/ 14LED



LED Recessed Downlight



TIS RFL100D/E

Application

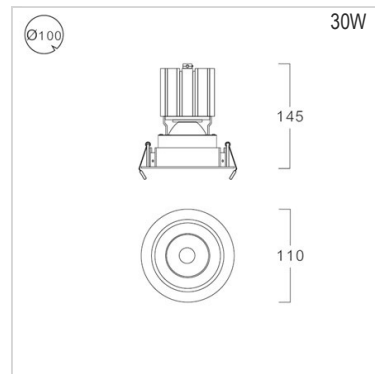
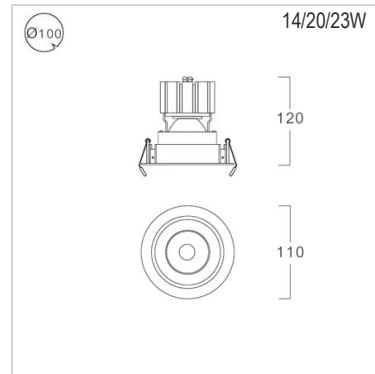
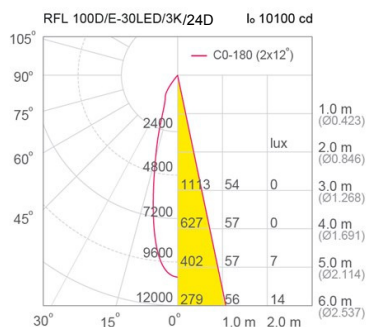
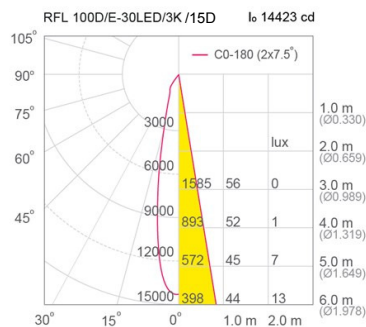
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

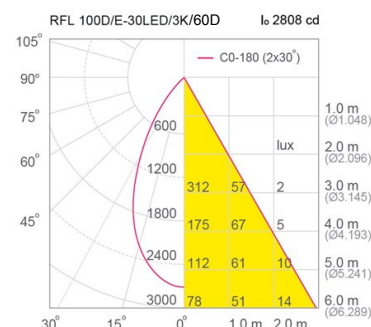
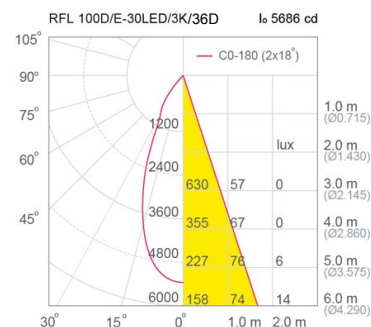
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL100D/E/WH-14LED	14W
RFL100D/E/WH-20LED	20W
RFL100D/E/WH-23LED	23W
RFL100D/E/WH-30LED	30W



Related Products



LED Recessed Downlight



TIS RFL125D/E

Application

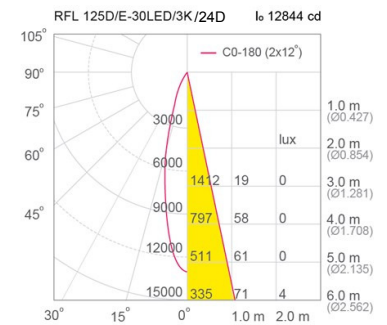
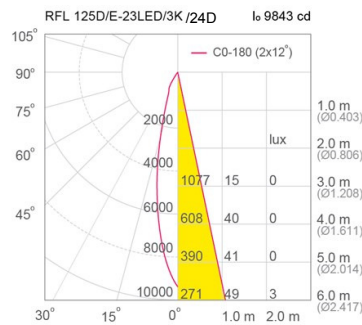
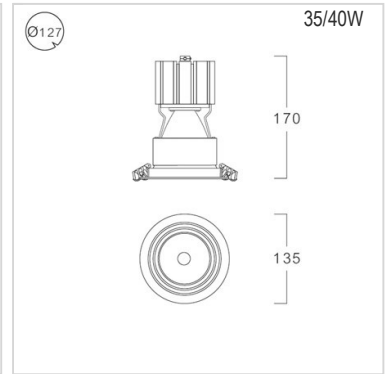
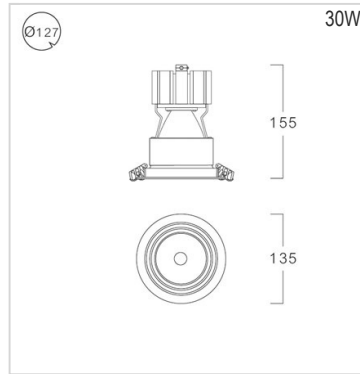
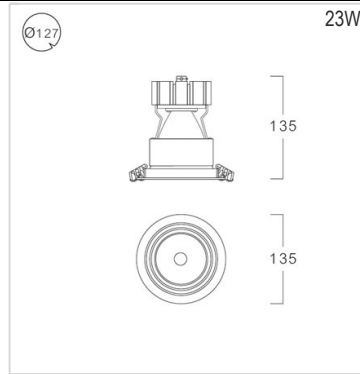
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

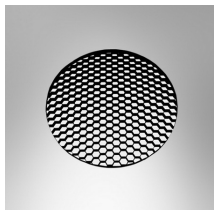
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL125D/E/WH-23LED	23W
RFL125D/E/WH-30LED	30W
RFL125D/E/WH-35LED	35W
RFL125D/E/WH-40LED	40W



Related Products



Honey comb



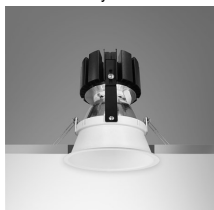
RAL150E-23/30/35/40W



RAL127/E-23/30/35/40W



RAL127D/E-23/30/35/40W



RFL107D/E-23/30/35/40W



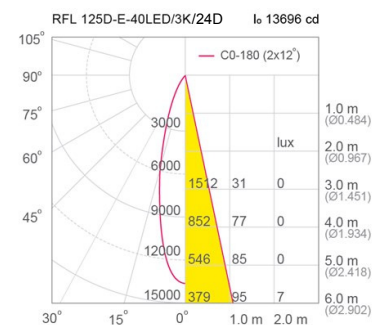
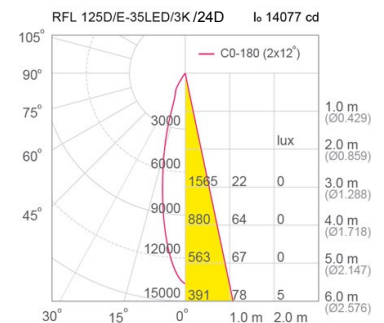
RFL137D/E-23/30/35/40W



RSAL150D/E-1x23/30/35/40W



RSAL150E-1x23/30/35/40W



LED Recessed Downlight



TIS RFL87D/E

Application

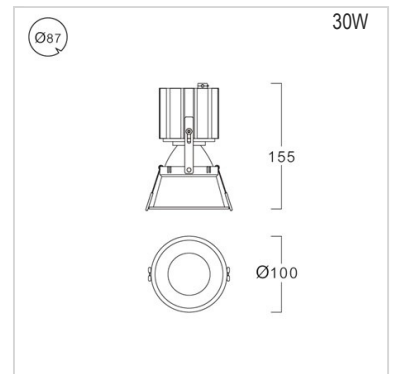
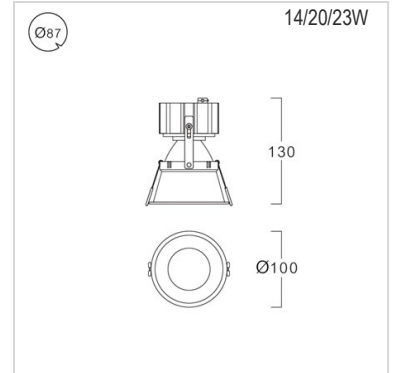
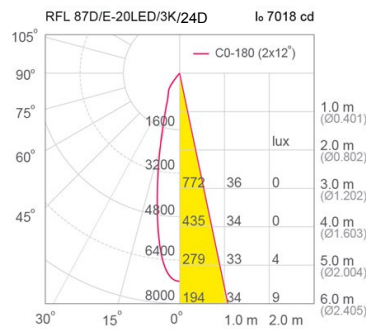
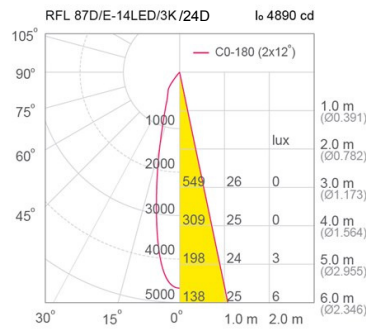
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

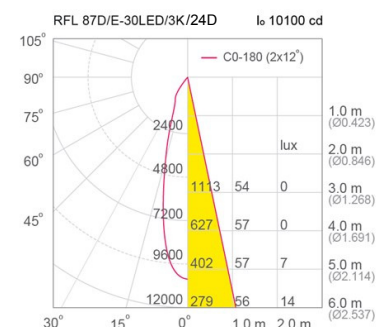
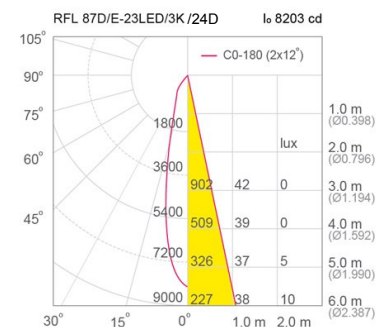
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL87D/E/WH-14LED	14W
RFL87D/E/WH-20LED	20W
RFL87D/E/WH-23LED	23W
RFL87D/E/WH-30LED	30W



Related Products



LED Recessed Downlight



TIS RFL107D/E

Application

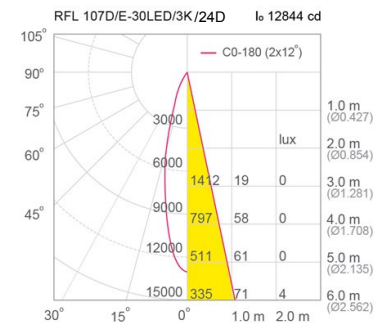
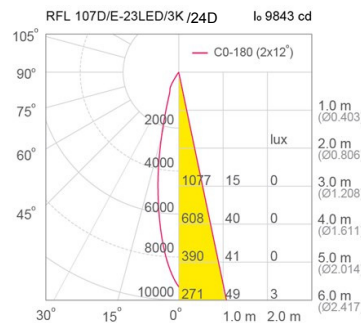
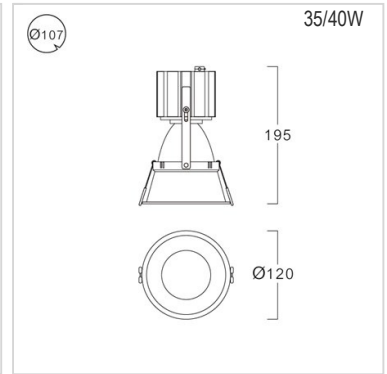
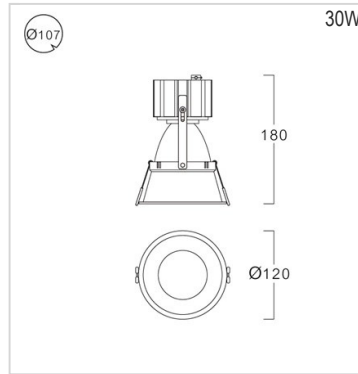
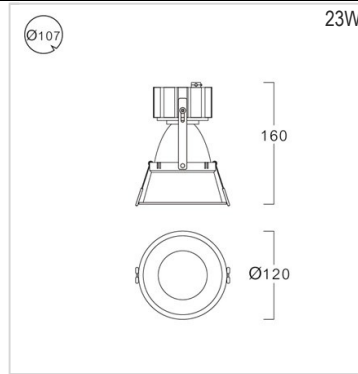
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

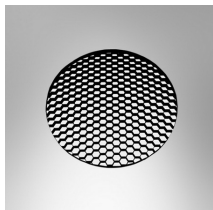
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL107D/E/WH-23LED	23W
RFL107D/E/WH-30LED	30W
RFL107D/E/WH-35LED	35W
RFL107D/E/WH-40LED	40W



Related Products



Honey comb



RFL150E-23/30/35/40W



RAL127E-E-23/30/35/40W



RAL127D/E-23/30/35/40W



RFL125D/E-23/30/35/40W



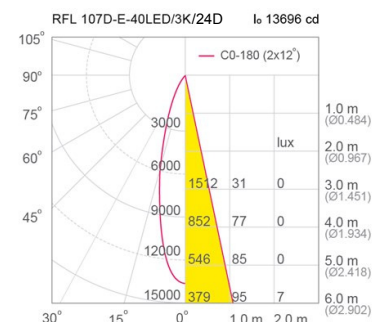
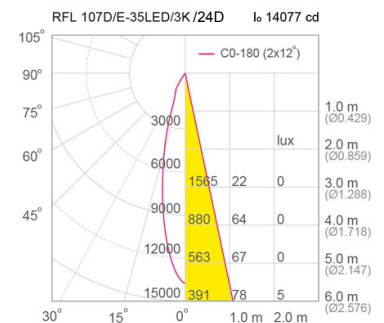
RFL137D/E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W



LED Recessed Downlight



TIS RFL137D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

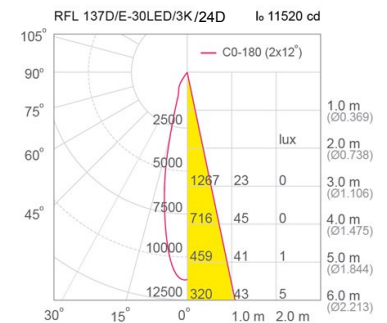
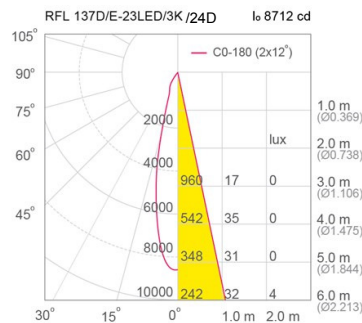
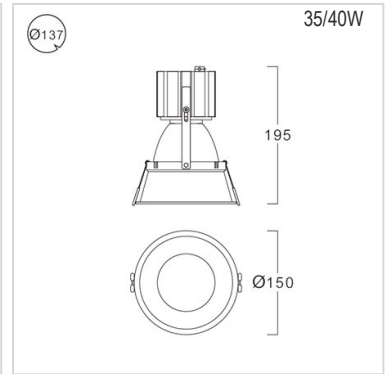
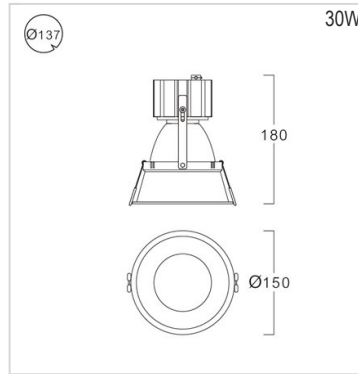
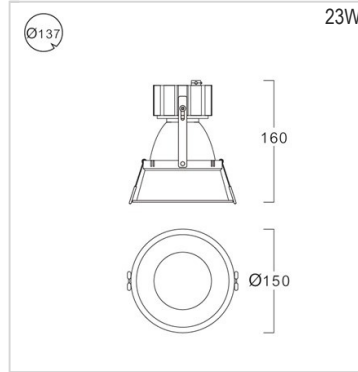
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2035/2197/2381 lm* 30W : 2814/3039/3292 lm* 35W : 3144/3395/3678 lm* 40W : 3864/4172/4418 lm*
Beam Angle	14/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

Remarks

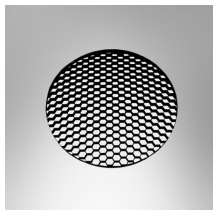
*Value at 24 Degree

Ordering Data

Model	Watt
RFL137D/E/WH-23LED	23W
RFL137D/E/WH-30LED	30W
RFL137D/E/WH-35LED	35W
RFL137D/E/WH-40LED	40W



Related Products



Honey comb



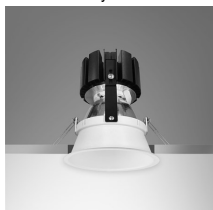
RAL150E-23/30/35/40W



RAL127/E-23/30/35/40W



RAL127D/E-23/30/35/40W



RFL107D/E-23/30/35/40W



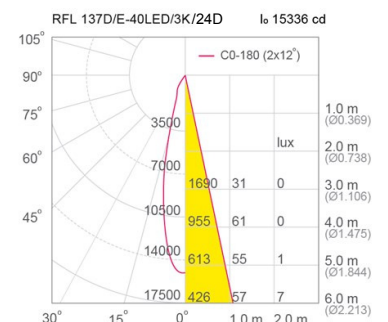
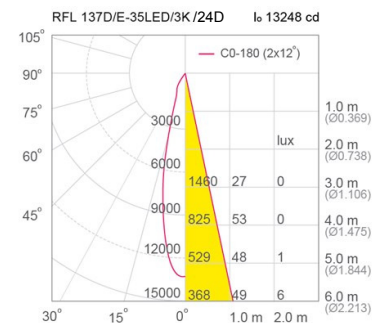
RFL125D/E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W



LED Recessed Downlight



TIS RFL160

Application

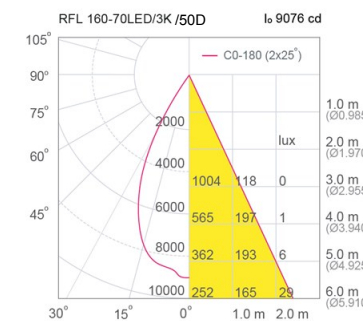
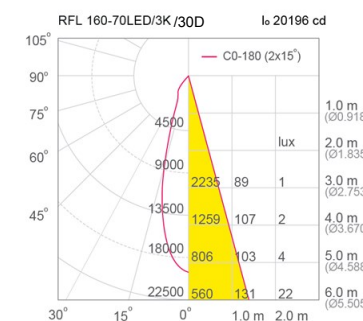
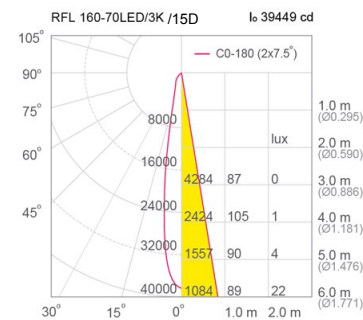
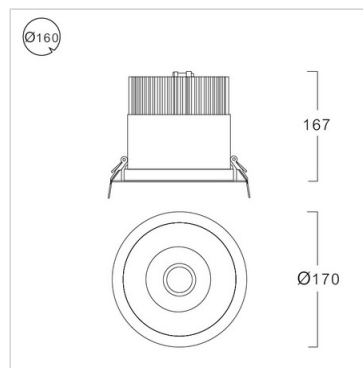
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	70W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	6375/6821/7331 lm *
Beam Angle	15/30/50 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	MH 150W
Remarks	* Value at 50 Degree

Ordering Data

Model	Watt
L&E#RFL160/WH-70LED	70W



LED Recessed Downlight



TIS RAL621

Application

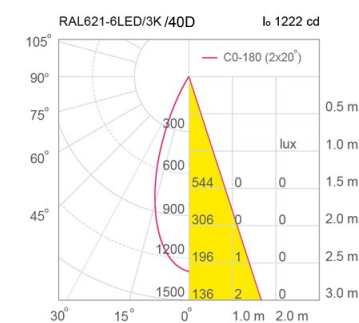
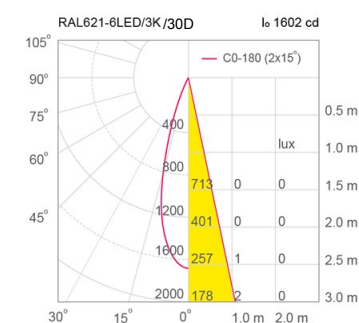
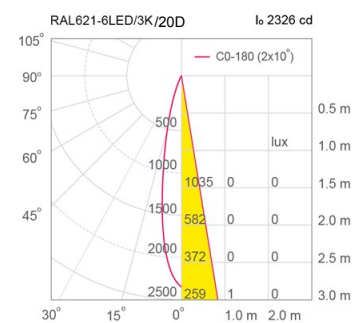
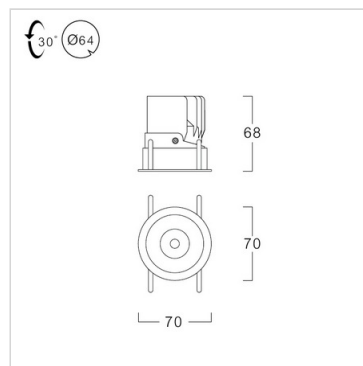
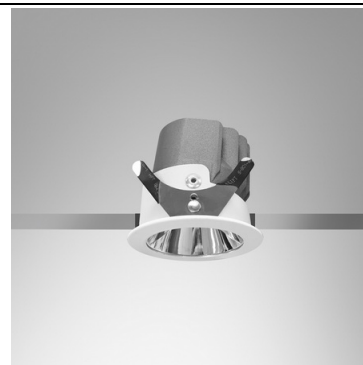
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Vacuum aluminum
Finishing	Powder coated in white
Mounting	Recessed
Power	6W
Light Source	LED COB
Colour Temperature	3000K/4000K
Lamp Output	744/803/870 lm
Luminaire Output	571/610/653 lm *
Beam Angle	20/30/40 Degree
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	6W : MR16 35W
Remarks	* Value at 30 Degree

Ordering Data

Model	Watt
RAL621/WH-6LED	6W



Related Products



RSAL621-6W

RAL721-8/10W

RSAL721-8/10W

LED Recessed Downlight



TIS RAL721

Application

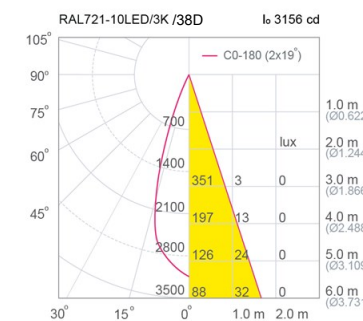
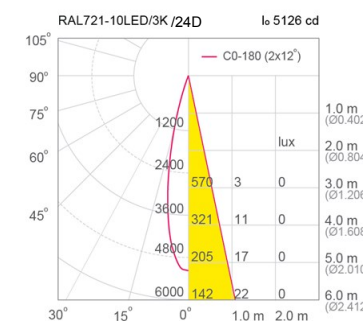
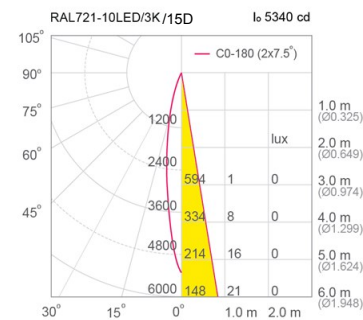
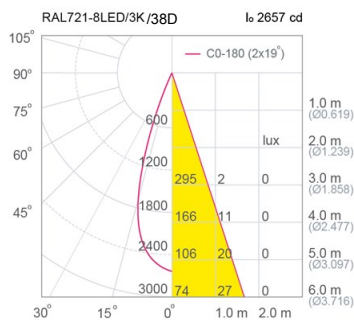
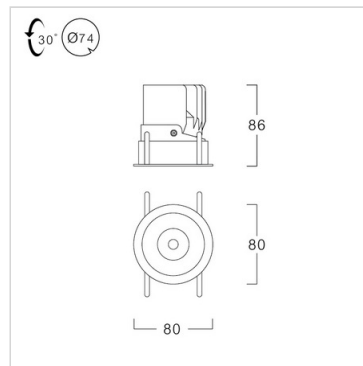
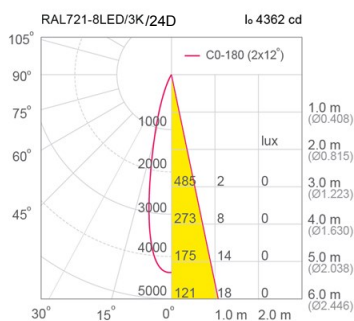
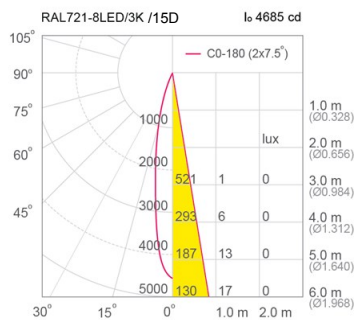
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

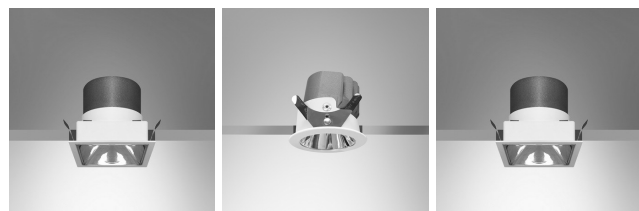
Housing	Die-cast aluminium
Description	Vacuum aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	8/10W
Light Source	LED COB
Colour Temperature	3000K/4000K
Lamp Output	8W : 992/1071/1160 lm 10W : 1240/1339/1450 lm *
Luminaire Output	8W : 899/970/1051 lm *
	10W : 1071/1156/1253 lm *
Beam Angle	15/24/38 Degree
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	8W : MR16 35W 10W : MR16 50W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
RAL721/WH-8LED	8W
RAL721/WH-10LED	10W



Related Products



RSAL721-8/10W

RAL621-6W

RSAL621-6W

LED Recessed Downlight



TIS RAL86J

Application

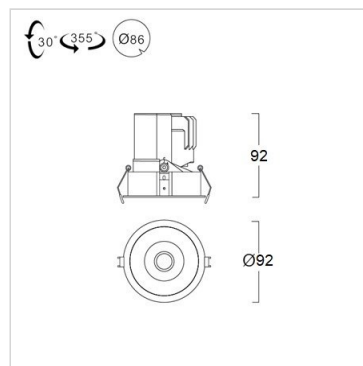
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	10/14/18W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm 14W : 1540/1660/1805 lm 18W : 1980/2134/2320 lm
Luminaire Output	10W : 1084/1159/1241 lm * 14W : 1460/1562/1671 lm * 18W : 1808/1934/2069 lm *
Beam Angle	10W : 14 Degree 10/14/18W : 18/26/38/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 38 Degree

Ordering Data

Model	Watt
RAL86J/MI/WH-10LED	10W
RAL86J/MI/WH-14LED	14W
RAL86J/MI/WH-18LED	18W



LED Recessed Downlight



TIS RAL102J

Application

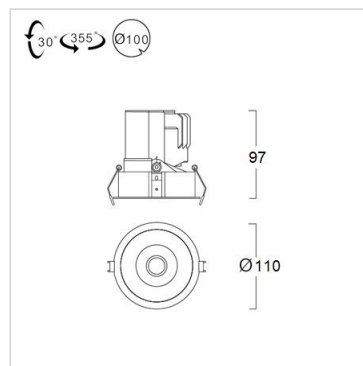
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575lm 23W : 2635/2845/3090 lm 27W : 3093/3340/3627 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm ** 23W : 2433/2603/2785 lm ** 27W : 2797/2992/3202 lm **
Beam Angle	14W : 15 Degree 20/23/27W : 26/36/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
RAL102J/MI/WH-14LED	14W
RAL102J/MI/WH-20LED	20W
RAL102J/MI/WH-23LED	23W
RAL102J/MI/WH-27LED	27W



LED Recessed Downlight



TIS RAL135J

Application

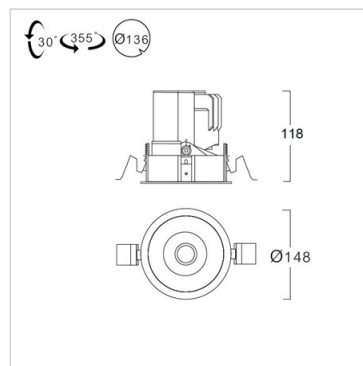
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	18/23/30/35/40W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	18W : 2062/2226/2418 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4502/4581/5165 lm
Luminaire Output	18W : 1504/1609/1721 lm * 23W : 2014/2154/2305 lm ** 30W : 2745/2937/3142 lm ** 35W : 3055/3268/3497 lm ** 40W : 3342/3575/3826 lm **
Beam Angle	18W : 10 Degree 23/30/35/40W : 18/26/38/50/65 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 10 Degree ** Value at 38 Degree

Ordering Data

Model	Watt
RAL135/MI/WH-18LED	18W
RAL135J/MI/WH-23LED	23W
RAL135J/MI/WH-30LED	30W
RAL135J/MI/WH-35LED	35W
RAL135J/MI/WH-40LED	40W



LED Recessed Downlight



TIS RAL176J

Application

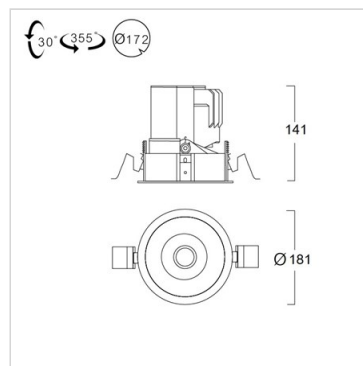
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm
Luminaire Output	40W : 3922/4196/4490 lm * 44W : 4257/4555/4874 lm ** 54W : 4784/5118/5477 lm **
Beam Angle	40W : 14 Degree 44/54W : 18/24/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 14 Degree ** Value at 24 Degree

Ordering Data

Model	Watt
RAL176J/MI/WH-40LED	40W
RAL176J/MI/WH-44LED	44W
RAL176J/MI/WH-54LED	54W



LED Recessed Downlight



TIS RAL206J

Application

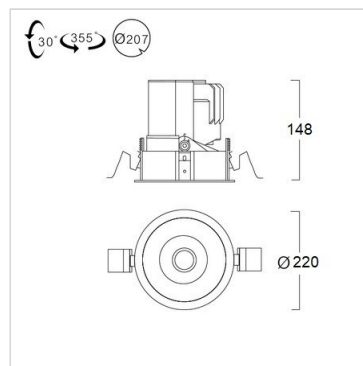
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/59/65W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 59W : 6640/6756/7618 lm 65W : 7315/7444/8393 lm
Luminaire Output	40W : 3865/4135/4425 lm * 59W : 5187/5550/5938 lm ** 65W : 5484/5867/6278 lm **
Beam Angle	40W : 10 Degree 59/65W : 18/24/45/65 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 10 Degree ** Value at 45 Degree

Ordering Data

Model	Watt
RAL206J/MI/WH-40LED	40W
RAL206J/MI/WH-59LED	59W
RAL206J/MI/WH-65LED	65W



LED Recessed Downlight



TIS RAL102J/T

Application

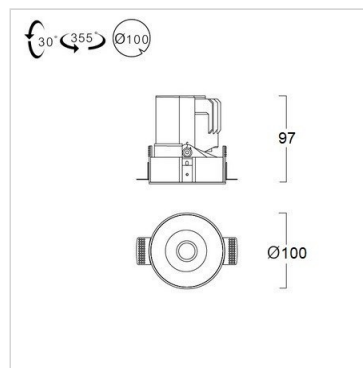
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum Trimless
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575lm 23W : 2635/2845/3090 lm 27W : 3093/3340/3627 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm ** 23W : 2433/2603/2785 lm ** 27W : 2797/2992/3202 lm **
Beam Angle	14W : 15 Degree 20/23/27W : 26/36/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
RAL102J/T/MI/WH-14LED	14W
RAL102J/T/MI/WH-20LED	20W
RAL102J/T/MI/WH-23LED	23W
RAL102J/T/MI/WH-27LED	27W



LED Recessed Downlight



TIS RAL176J/T

Application

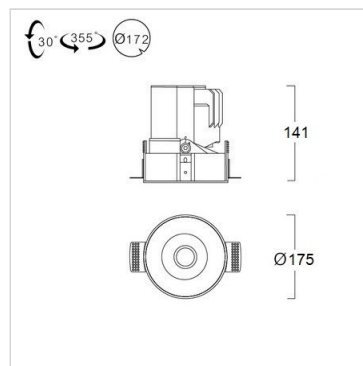
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum Trimless
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm
Luminaire Output	40W : 3922/4196/4490 lm * 44W : 4257/4555/4874 lm ** 54W : 4784/5118/5477 lm **
Beam Angle	40W : 14 Degree 44/54W : 18/24/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 14 Degree ** Value at 24 Degree

Ordering Data

Model	Watt
RAL176J/T/MI/WH-40LED	40W
RAL176J/T/MI/WH-44LED	44W
RAL176J/T/MI/WH-54LED	54W



LED Recessed Downlight



TIS RAL107E

Application

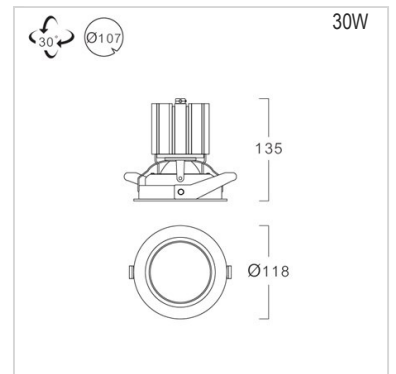
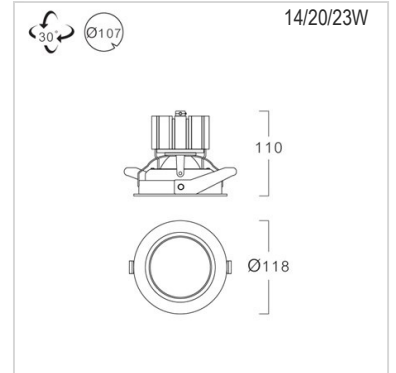
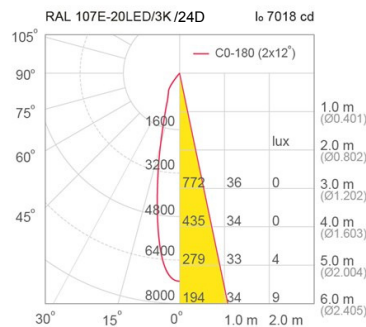
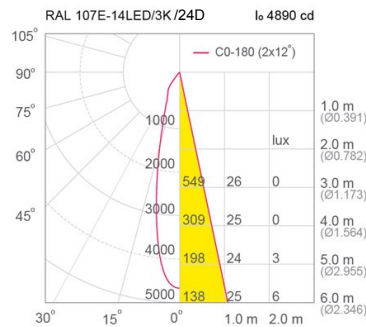
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

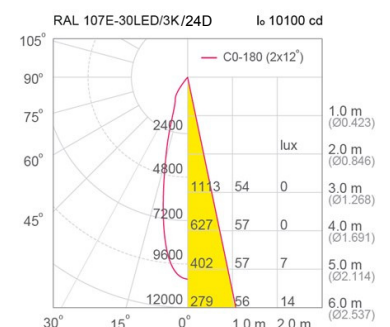
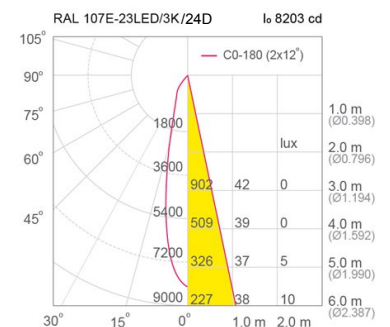
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Luminaire Output	
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL107E/WH-14LED	14W
RAL107E/WH-20LED	20W
RAL107E/WH-23LED	23W
RAL107E/WH-30LED	30W



Related Products



LED Recessed Downlight



TIS RAL107D/E

Application

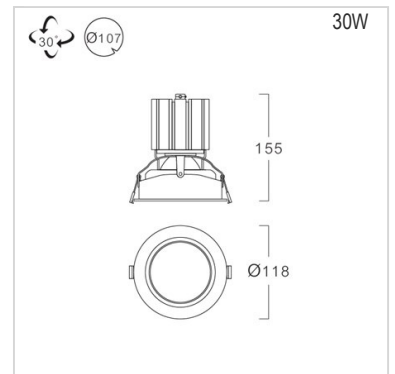
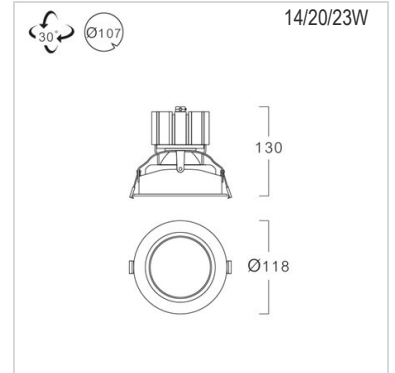
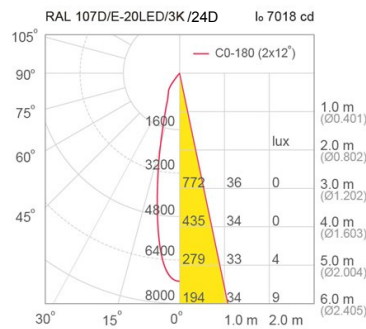
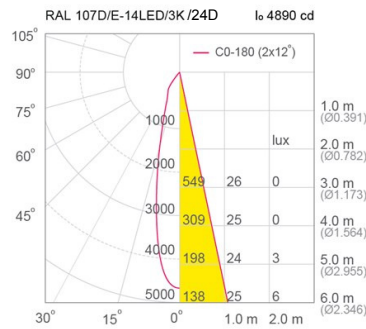
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

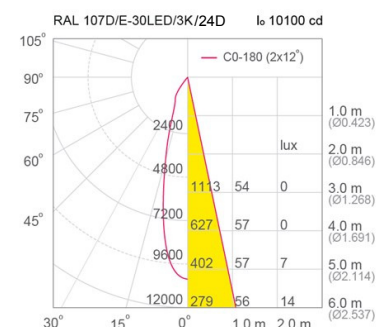
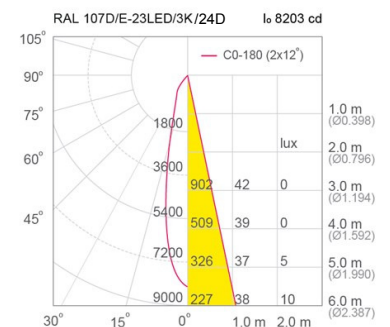
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Luminaire Output	
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL107D/E/WH-14LED	14W
RAL107D/E/WH-20LED	20W
RAL107D/E/WH-23LED	23W
RAL107D/E/WH-30LED	30W



Related Products



LED Recessed Downlight



TIS RAL127E

Application

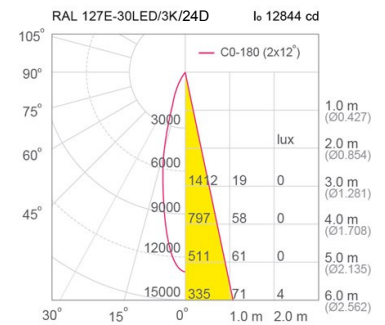
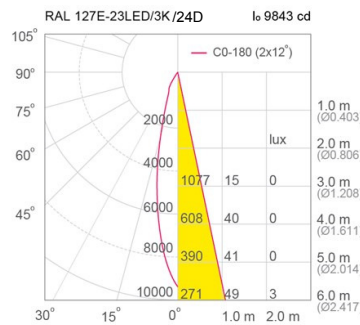
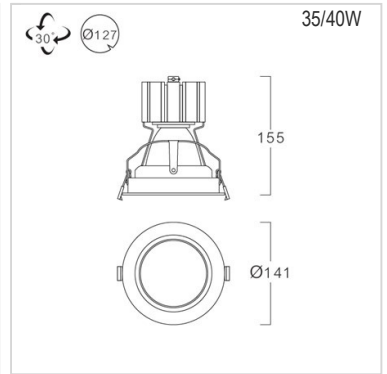
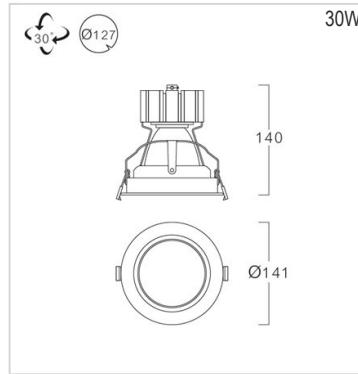
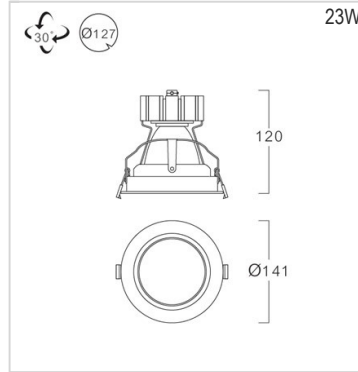
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

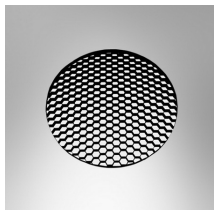
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL127E/WH-23LED	23W
RAL127E/WH-30LED	30W
RAL127E/WH-35LED	35W
RAL127E/WH-40LED	40W



Related Products



Honey comb



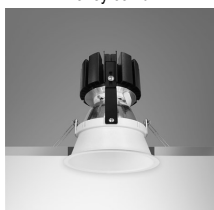
Hood



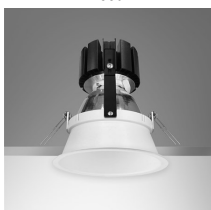
RAL150E-23/30/35/40W



RAL127D/E-23/30/35/40W



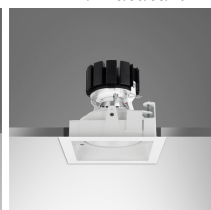
RFL107D/E-23/30/35/40W



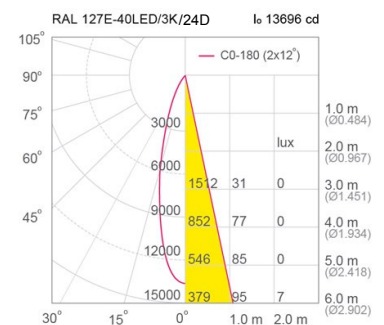
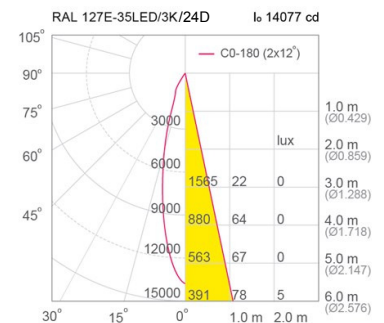
RFL137D/E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W



LED Recessed Downlight



TIS RAL127D/E

Application

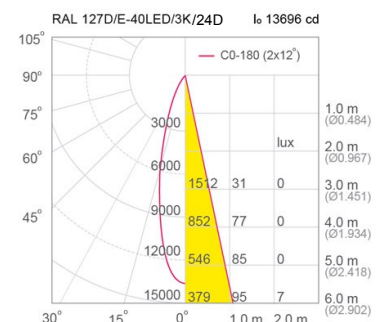
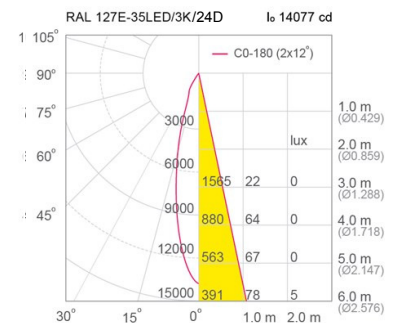
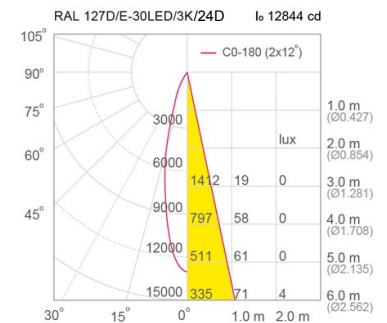
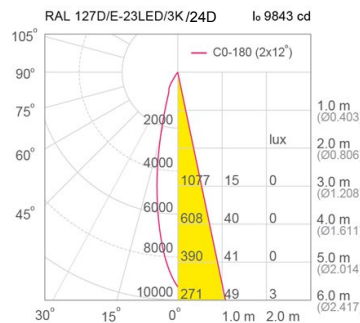
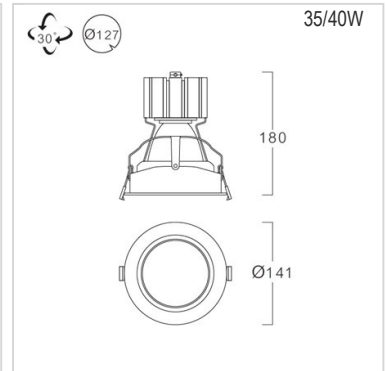
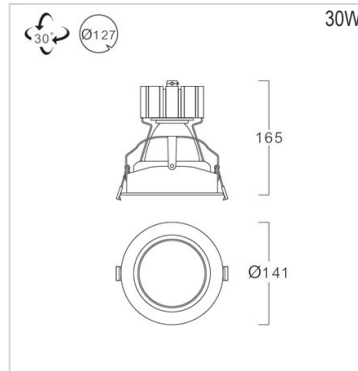
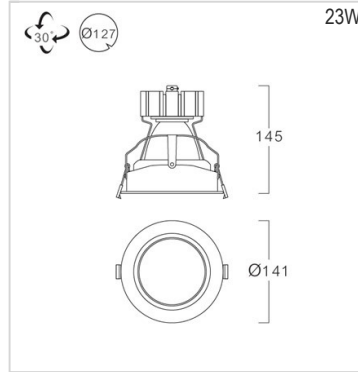
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

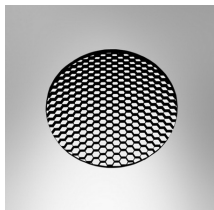
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL127D/E/WH-23LED	23W
RAL127D/E/WH-30LED	30W
RAL127D/E/WH-35LED	35W
RAL127D/E/WH-40LED	40W



Related Products



Honey comb



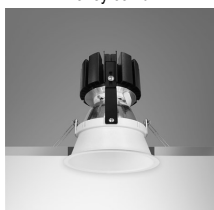
Hood



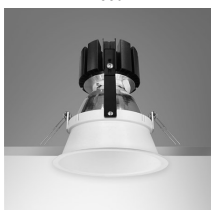
RAL150E-23/30/35/40W



RAL127E-23/30/35/40W



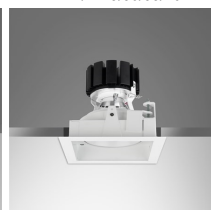
RAL107D/E-23/30/35/40W



RAL137D/E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W

LED Recessed Downlight



TIS RAL115E

Application

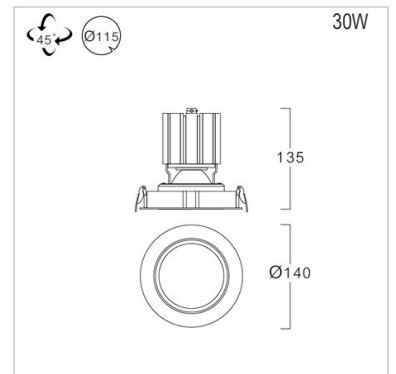
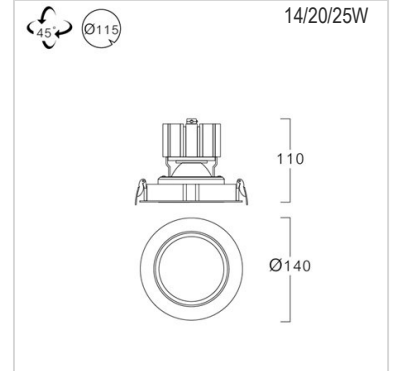
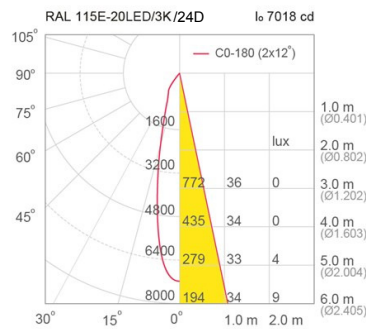
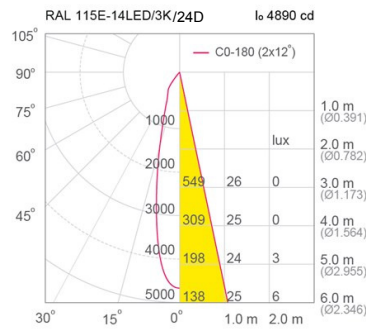
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

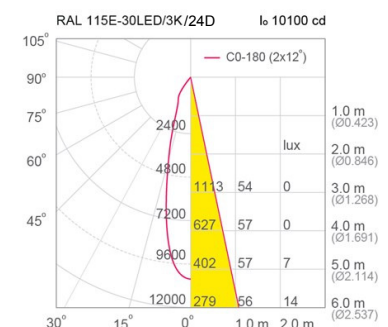
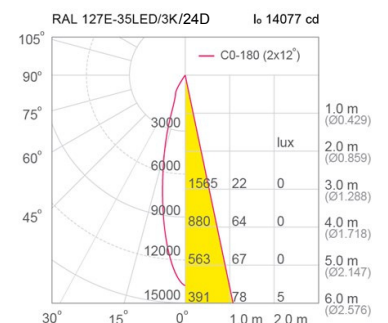
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm*
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 25W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL115E/WH-14LED	14W
RAL115E/WH-20LED	20W
RAL115E/WH-23LED	23W
RAL115E/WH-30LED	30W



Related Products



LED Recessed Downlight



TIS RAL150E

Application

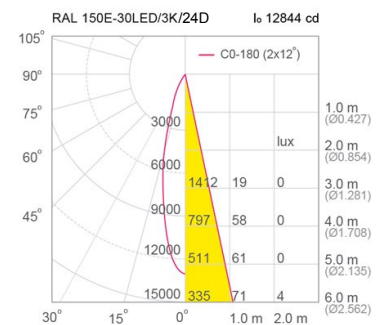
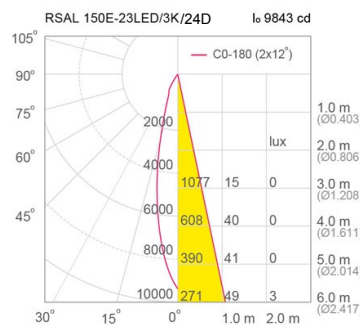
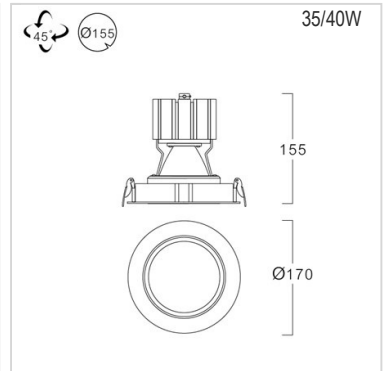
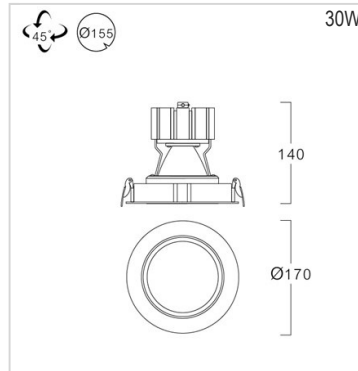
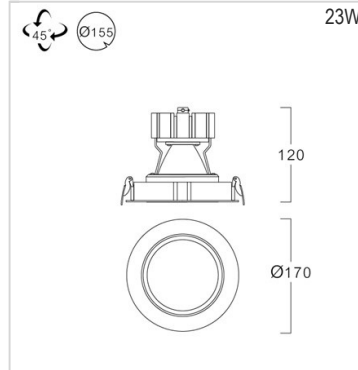
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

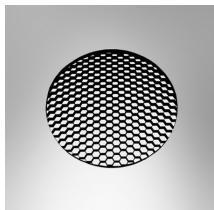
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL150E/WH-23LED	23W
RAL150E/WH-30LED	30W
RAL150E/WH-35LED	35W
RAL150E/WH-40LED	40W



Related Products



Honey comb



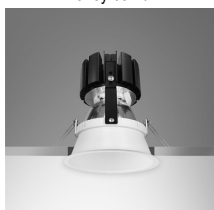
Hood



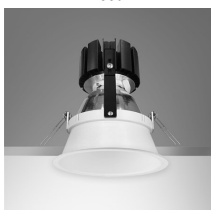
RAL127E-23/30/35/40W



RAL127D/E-23/30/35/40W



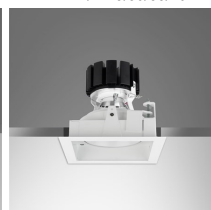
RFL107D/E-23/30/35/40W



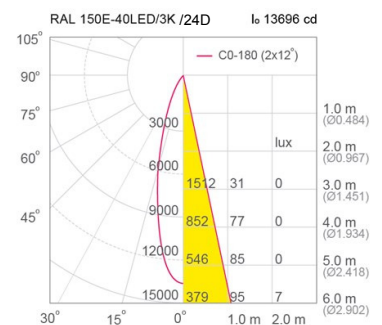
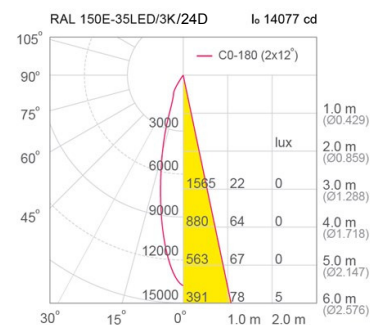
RFL137D/E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W



LED Recessed Downlight



 TIS **RWL91**

Application

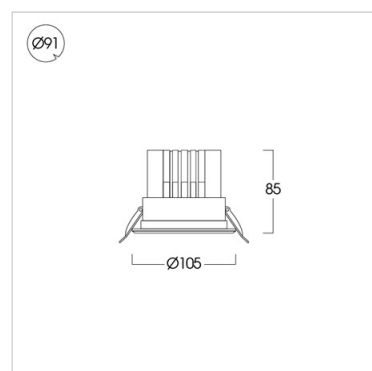
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Polyester powder coated
Lens	Wall washer lens
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	14W : 910 lm 20W : 1300 lm
Control Gear	Separated driver
Power Supply	220V 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W

Ordering Data

Model	Watt
RWL91/WH-14LED	14W
RWL91/WH-20LED	20W



Related Products



RWL120-23/27W

LED Recessed Downlight



 TIS **RWL120**

Application

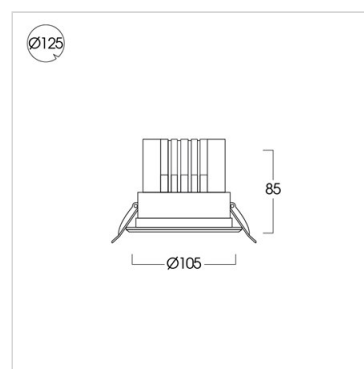
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Polyester powder coated
Lens	Wall washer lens
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	23W : 1495 lm 27W : 1755 lm
Control Gear	Separated driver
Power Supply	220V 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 27W : MH 70W

Ordering Data

Model	Watt
RWL120/WH-23LED	23W
RWL120/WH-27LED	27W



Related Products



RWL91-14/20W

LED Recessed Square Downlight



TIS RSM80D

Application

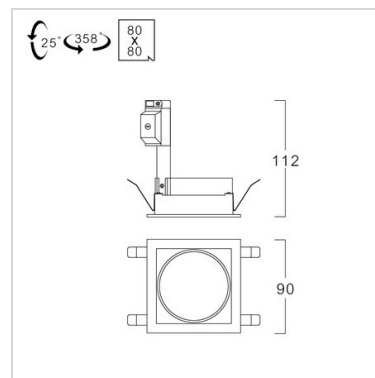
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

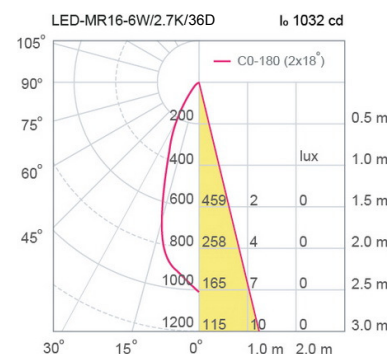
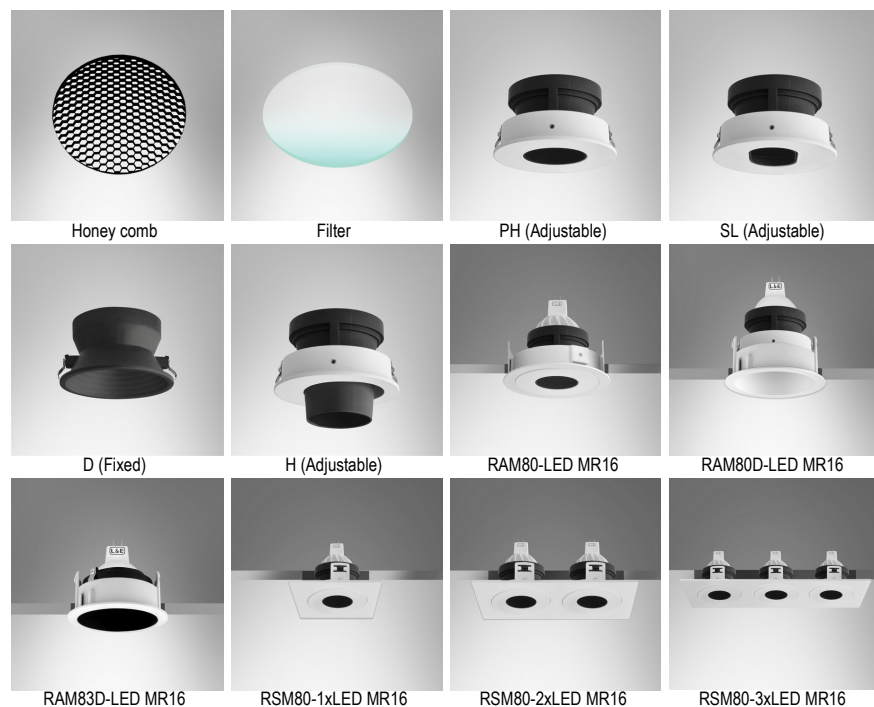
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications. PH (Adjustable) SL (Adjustable) D (Fixed) H (Adjustable)
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RSM80D/D/WH-XXLED-MR16	4-8W
RSM80D/H/WH-XXLED-MR16	4-8W
RSM80D/PH/WH-XXLED-MR16	4-8W
RSM80D/SL/WH-XXLED-MR16	4-8W



Related Products



LED Recessed Square Downlight



TIS ERSDL100

Application

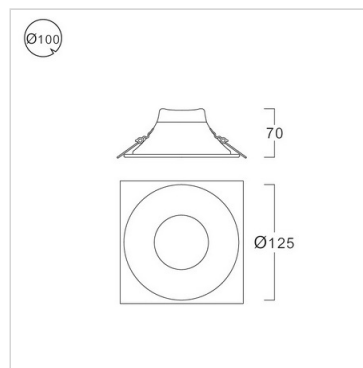
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

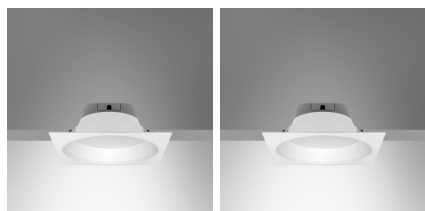
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	10W : 1120/1215/1290lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 973/1051/1118 lm 14W : 1363/1472/1594 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : CFL 18W 14W : CFL 26W

Ordering Data

Model	Watt
L&E#ERSDL100/WH-10LED	10W
L&E#ERSDL100/WH-14LED	14W

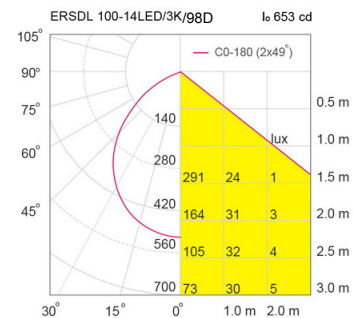
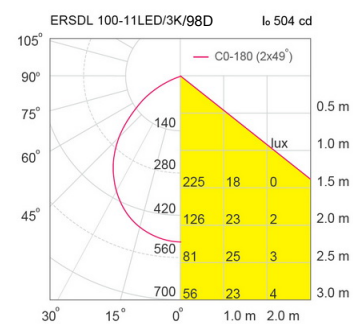


Related Products



ERSDL150-17/20W

ERSDL200-23/27W



LED Recessed Square Downlight



TIS ERSDL150

Application

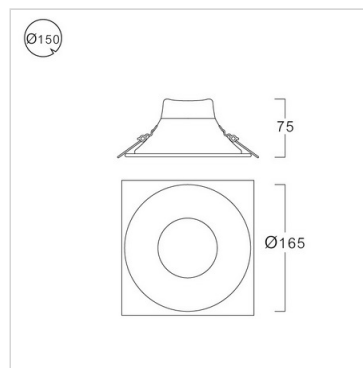
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	17/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	17W : 1870/2015/2190lm 20W : 2200/2370/2575lm
Luminaire Output	17W : 1584/1710/1853 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	17W : CFL 32W 20W : CFL 2x18W

Ordering Data

Model	Watt
L&E#ERSDL150/WH-17LED	17W
L&E#ERSDL150/WH-20LED	20W

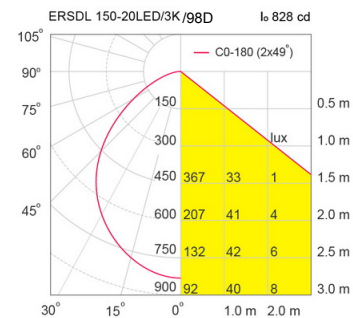
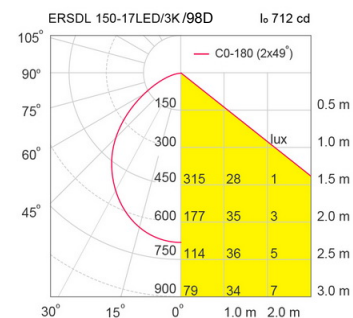


Related Products



ERSDL100-10/14W

ERSDL200-23/27W



LED Recessed Square Downlight



TIS ERSDL200

Application

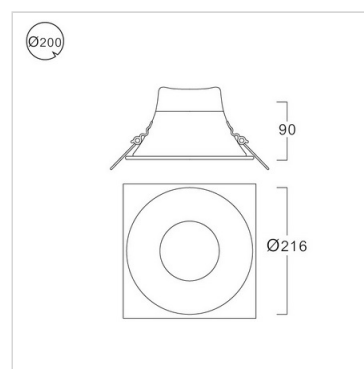
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Lamp Output	23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	23W : 2198/2373/2571 lm 27W : 2462/2658/2880 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W : CFL 2x26W 27W : CFL 2x32W

Ordering Data

Model	Watt
L&E#ERSDL200/WH-23LED	23W
L&E#ERSDL200/WH-27LED	27W

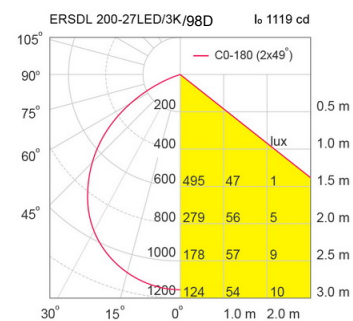
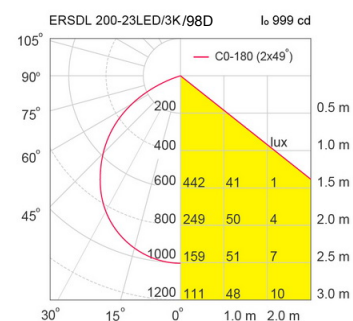


Related Products



ERSDL100-10/14W

ERSDL150-17/20W



LED Recessed Square Downlight



TIS RSDL100

Application

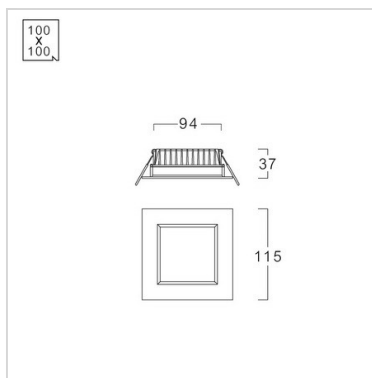
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

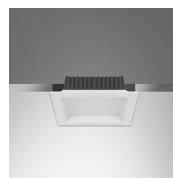
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	12W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Lamp Output	1500/1625/1776 lm
Luminaire Output	996/1079/1179 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 18W

Ordering Data

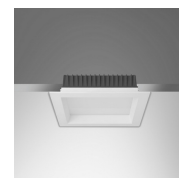
Model	Watt
RSDL100/WH-12LED	12W



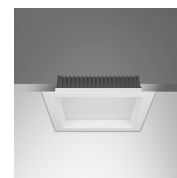
Related Products



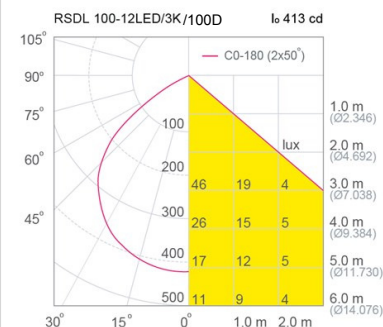
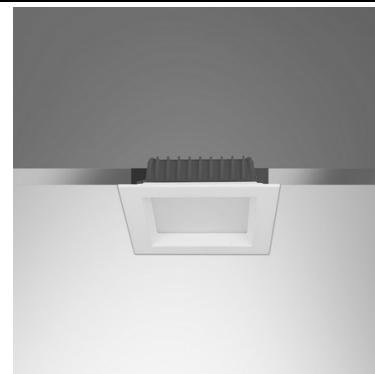
RSDL130-16W



RSDL170-20W



RSDL210-25W



TIS RSDL130

Application

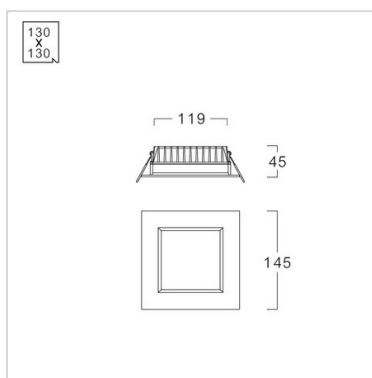
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

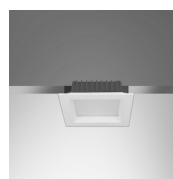
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	16W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Lamp Output	1904/2064/2208 lm
Luminaire Output	1306/1415/1513 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 26W

Ordering Data

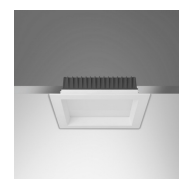
Model	Watt
RSDL130/WH-16LED	16W



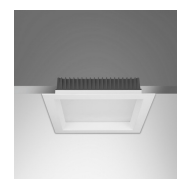
Related Products



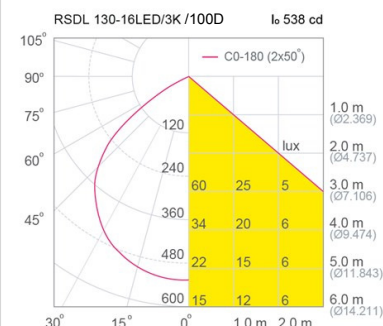
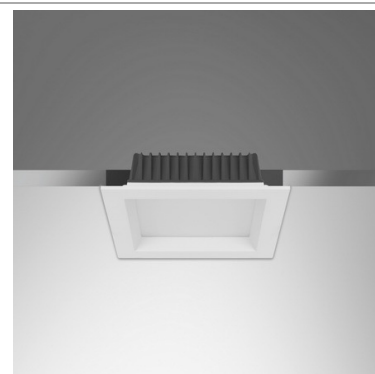
RSDL100-12W



RSDL170-20W



RSDL210-25W



LED Recessed Square Downlight



TIS RSDL170

Application

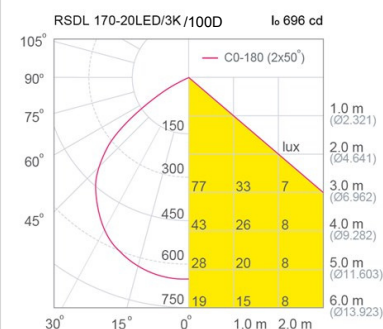
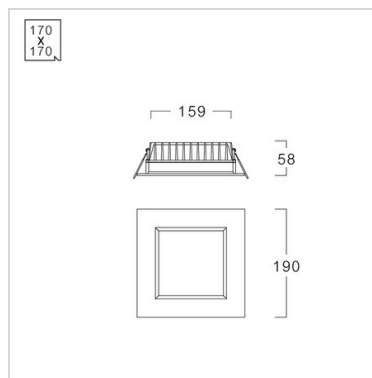
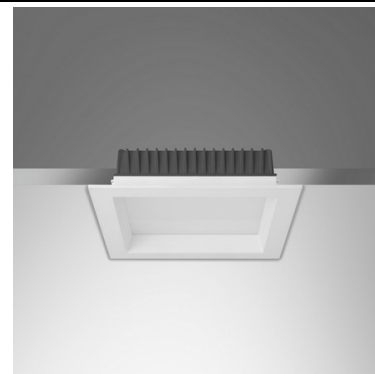
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	20W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Lamp Output	2142/2322/2538 lm
Luminaire Output	1664/1803/1971 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

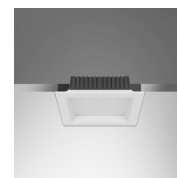
Model	Watt
RSDL170/WH-20LED	20W



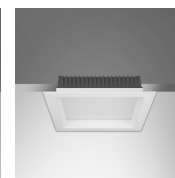
Related Products



RSDL100-12W



RSDL130-16W



RSDL210-25W

TIS RSDL210

Application

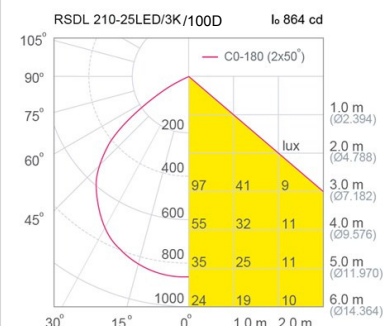
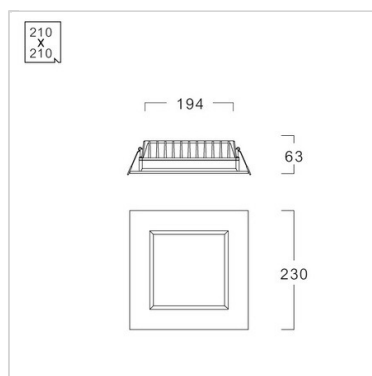
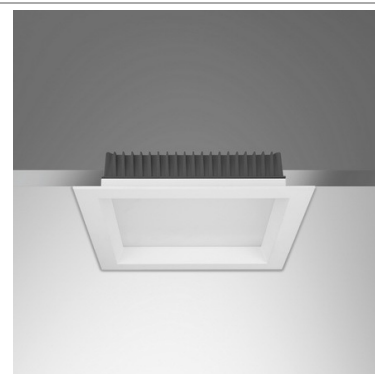
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

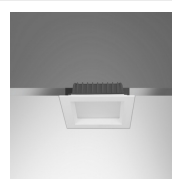
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	25W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Lamp Output	2570/2786/3045 lm
Luminaire Output	2166/2348/2566 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 2x26W

Ordering Data

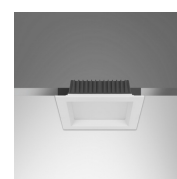
Model	Watt
RSDL210/WH-25LED	25W



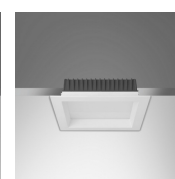
Related Products



RSDL100-12W



RSDL130-16W



RSDL170-20W

LED Recessed Square Downlight



TIS RSAL621

Application

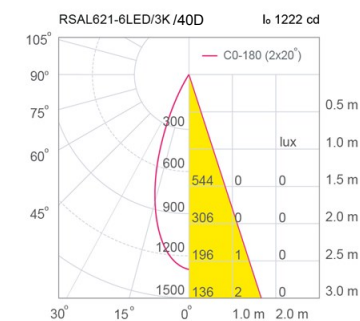
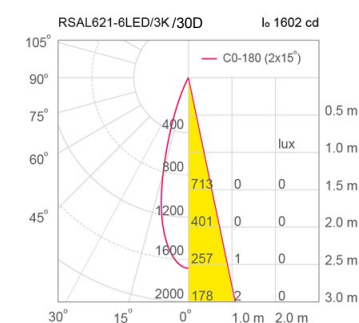
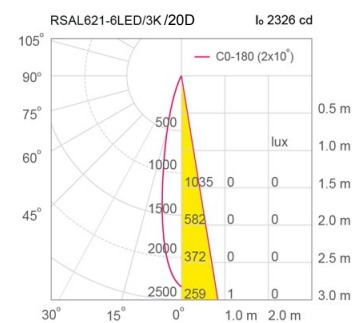
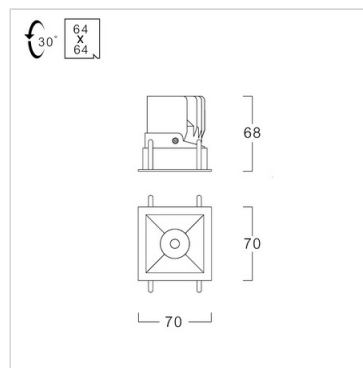
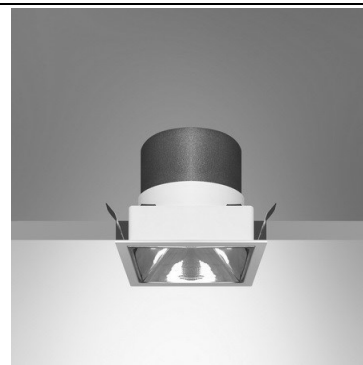
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Vacuum aluminum
Finishing	Powder coated in white
Mounting	Recessed
Power	6W
Light Source	LED COB
Colour Temperature	3000K/4000K
Lamp Output	744/803/870 lm
Luminaire Output	571/610/653 lm *
Beam Angle	20/30/40 Degree
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	6W : MR16 35W
Remarks	* Value at 30 Degree

Ordering Data

Model	Watt
RSAL621/WH-6LED	6W



Related Products



RAL621-6W

RAL721-8/10W

RSAL721-8/10W

LED Recessed Square Downlight



TIS RSAL721

Application

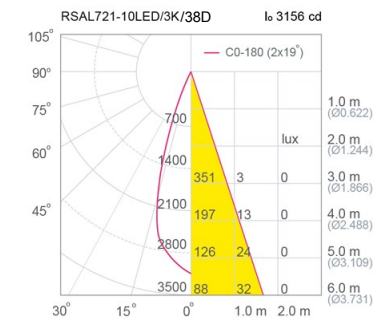
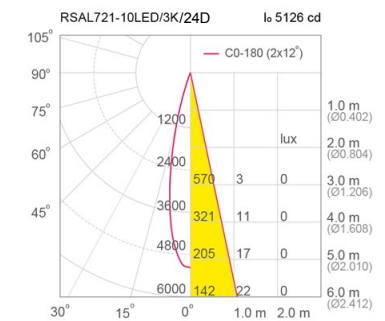
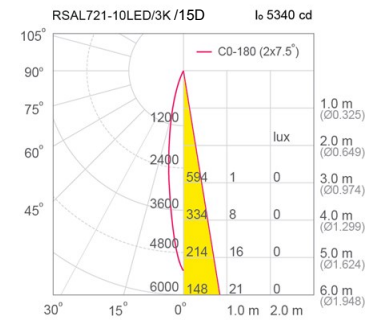
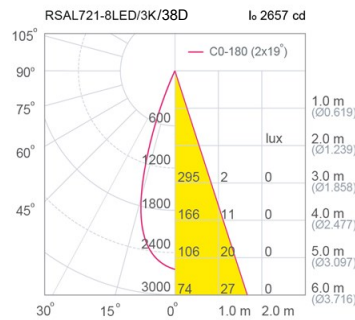
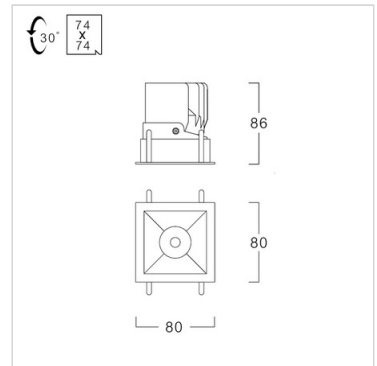
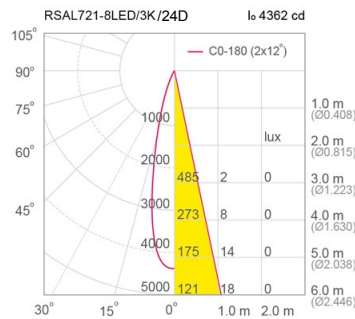
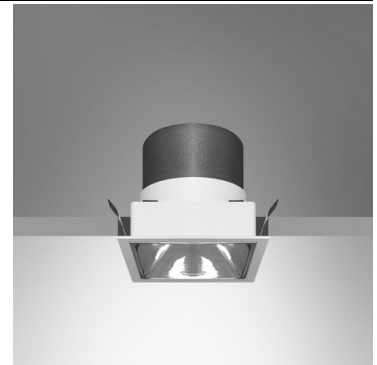
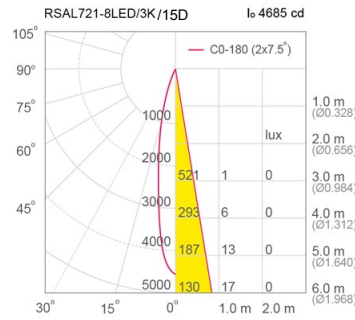
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Vacuum aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	8/10W
Light Source	LED COB
Colour Temperature	3000K/4000K
Lamp Output	8W : 992/1071/1160 lm 10W : 1240/1339/1450 lm 8W : 899/970/1051 lm * 10W : 1071/1156/1253 lm *
Luminaire Output	
Beam Angle	15/24/38 Degree
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	8W : MR16 35W 10W : MR16 50W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
RSAL721/WH-8LED	8W
RSAL721/WH-10LED	10W



Related Products



LED Recessed Square Downlight



 TIS **RSAL86J**

Application

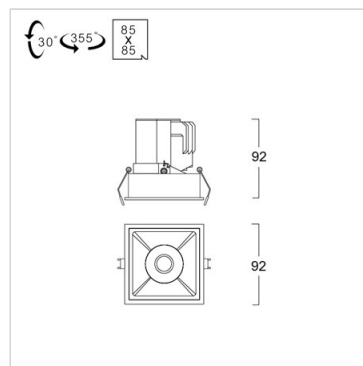
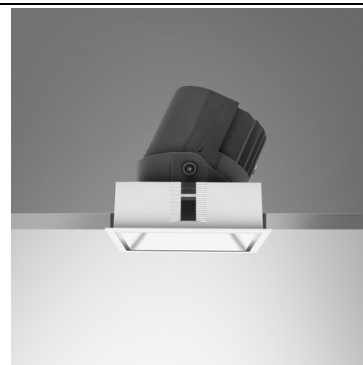
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	10/14/18W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm 14W : 1540/1660/1805 lm 18W : 1980/2134/2320 lm
Luminaire Output	10W : 1084/1159/1241 lm * 14W : 1460/1562/1671 lm * 18W : 1808/1934/2069 lm *
Beam Angle	10W : 14 Degree 10/14/18W : 18/26/38/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 38 Degree

Ordering Data

Model	Watt
RSAL86J/MI/WH-10LED	10W
RSAL86J/MI/WH-14LED	14W
RSAL86J/MI/WH-18LED	18W



LED Recessed Square Downlight



TIS RSAL102J

Application

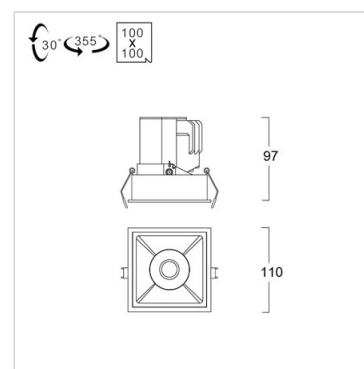
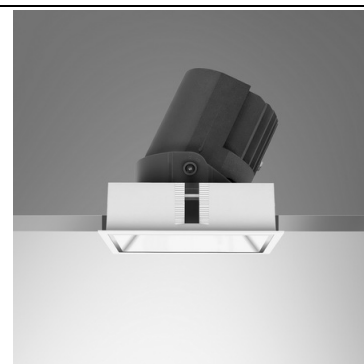
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575lm 23W : 2635/2845/3090 lm 27W : 3093/3340/3627 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm ** 23W : 2433/2603/2785 lm ** 27W : 2797/2992/3202 lm **
Beam Angle	14W : 15 Degree 20/23/27W : 26/36/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
RSAL102J/MI/WH-14LED	14W
RSAL102J/MI/WH-20LED	20W
RSAL102J/MI/WH-23LED	23W
RSAL102J/MI/WH-27LED	27W



LED Recessed Square Downlight



TIS RSAL135J

Application

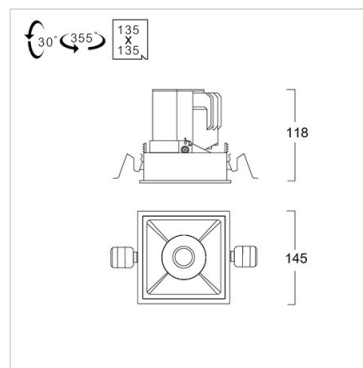
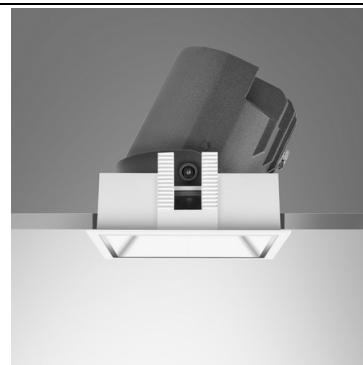
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	18/23/30/35/40W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	18W : 2062/2226/2418 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4502/4581/5165 lm
Luminaire Output	18W : 1504/1609/1721 lm * 23W : 2014/2154/2305 lm ** 30W : 2745/2937/3142 lm ** 35W : 3055/3268/3497 lm ** 40W : 3342/3575/3826 lm **
Beam Angle	18W : 10 Degree 23/30/35/40W : 18/26/38/50/65 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 10 Degree ** Value at 38 Degree

Ordering Data

Model	Watt
RSAL135J/MI/WH-18LED	18W
RSAL135J/MI/WH-23LED	23W
RSAL135J/MI/WH-30LED	30W
RSAL135J/MI/WH-35LED	35W
RSAL135J/MI/WH-40LED	40W



LED Recessed Square Downlight



TIS RSAL176J

Application

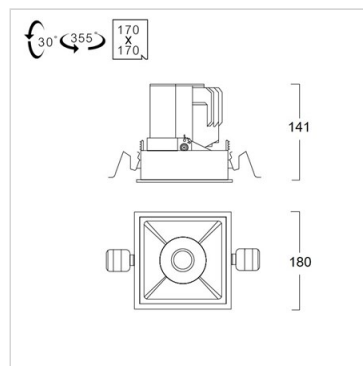
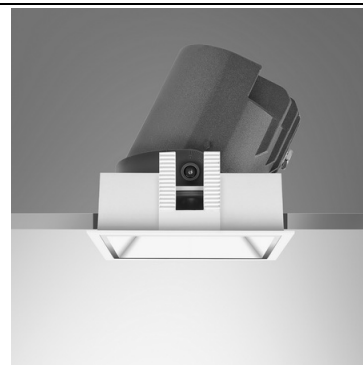
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm
Luminaire Output	40W : 3922/4196/4490 lm * 44W : 4257/4555/4874 lm ** 54W : 4784/5118/5477 lm **
Beam Angle	40W : 14 Degree 44/54W : 18/24/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 14 Degree ** Value at 24 Degree

Ordering Data

Model	Watt
RSAL176J/MI/WH-40LED	40W
RSAL176J/MI/WH-44LED	44W
RSAL176J/MI/WH-54LED	54W



LED Recessed Square Downlight



TIS RSAL206J

Application

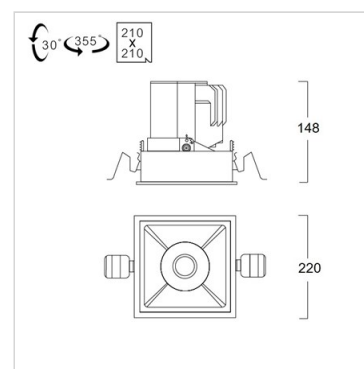
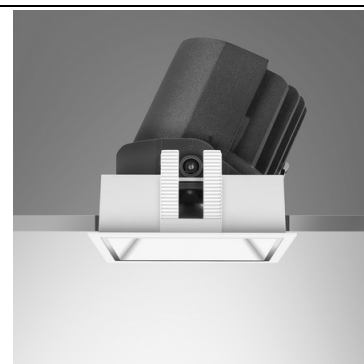
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/59/65W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 59W : 6640/6756/7618 lm 65W : 7315/7444/8393 lm
Luminaire Output	40W : 3865/4135/4425 lm * 59W : 5187/5550/5938 lm ** 65W : 5484/5867/6278 lm **
Beam Angle	40W : 10 Degree 59/65W : 18/24/45/65 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 10 Degree ** Value at 45 Degree

Ordering Data

Model	Watt
RSAL206J/MI/WH-40LED	40W
RSAL206J/MI/WH-59LED	59W
RSAL206J/MI/WH-65LED	65W



LED Recessed Square Downlight



TIS RSAL102J/T

Application

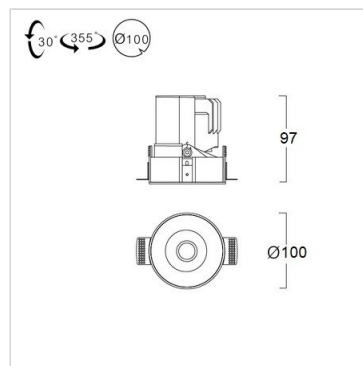
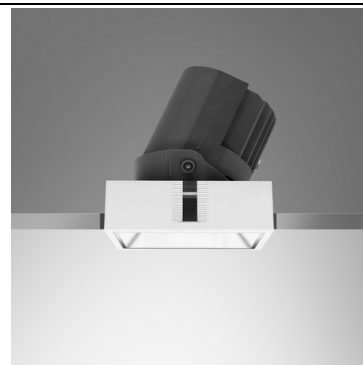
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum Trimless
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3093/3340/3627 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm ** 23W : 2433/2603/2785 lm ** 27W : 2797/2992/3202 lm **
Beam Angle	14W : 15 Degree 20/23/27W : 26/36/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
RSAL102J/T/MI/WH-14LED	14W
RSAL102J/T/MI/WH-20LED	20W
RSAL102J/T/MI/WH-23LED	23W
RSAL102J/T/MI/WH-27LED	27W



LED Recessed Square Downlight



TIS RSAL176J/T

Application

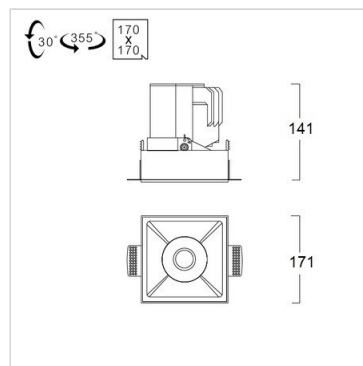
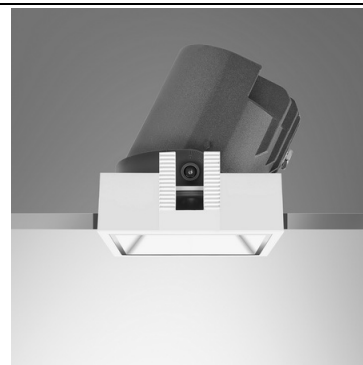
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum Trimless
Description	Upper reflector : Vacuum aluminum plating PC 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm
Luminaire Output	40W : 3922/4196/4490 lm * 44W : 4257/4555/4874 lm ** 54W : 4784/5118/5477 lm **
Beam Angle	40W : 14 Degree 44/54W : 18/24/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 14 Degree ** Value at 24 Degree

Ordering Data

Model	Watt
RSAL176J/T/MI/WH-40LED	40W
RSAL176J/T/MI/WH-44LED	44W
RSAL176J/T/MI/WH-54LED	54W



LED Multi-Recessed Downlight



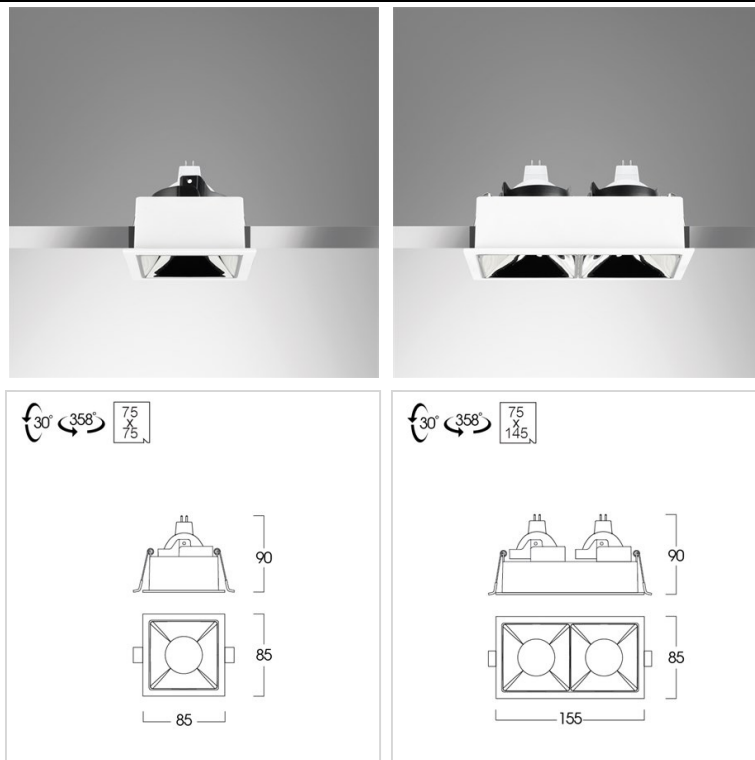
TIS RSAM76J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

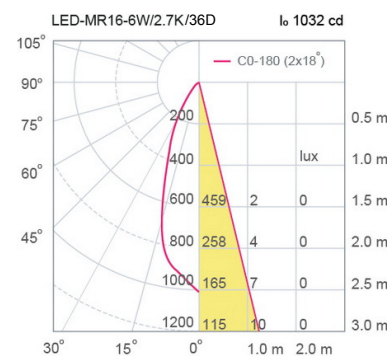
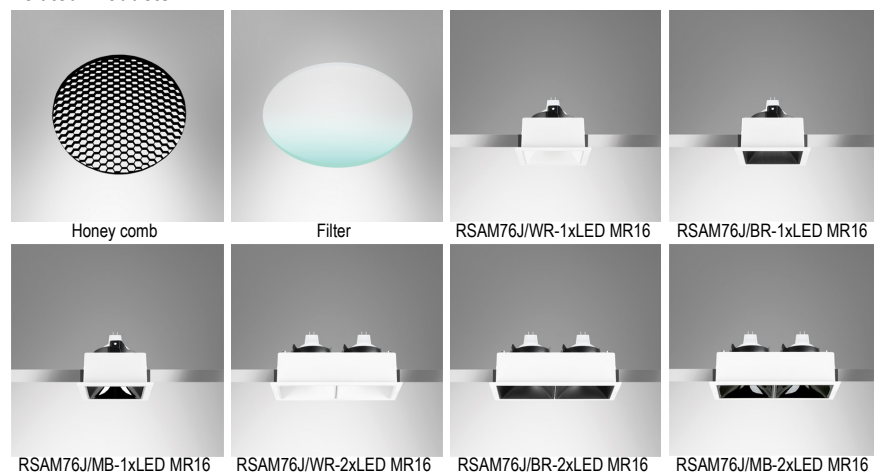
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W



Ordering Data

Model	Watt
RSAM76J/BR/WH-1xXXLED MR16	4-8W
RSAM76J/MB/WH-1xXXLED MR16	4-8W
RSAM76J/MI/WH-1xXXLED MR16	4-8W
RSAM76J/WR/WH-1xXXLED MR16	4-8W
RSAM76J/BR/WH-2xXXLED MR16	8-16W
RSAM76J/MB/WH-2xXXLED MR16	8-16W
RSAM76J/MI/WH-2xXXLED MR16	8-16W
RSAM76J/WR/WH-2xXXLED MR16	8-16W

Related Products



LED Multi-Recessed Downlight



TIS RSAM76J/T

Application

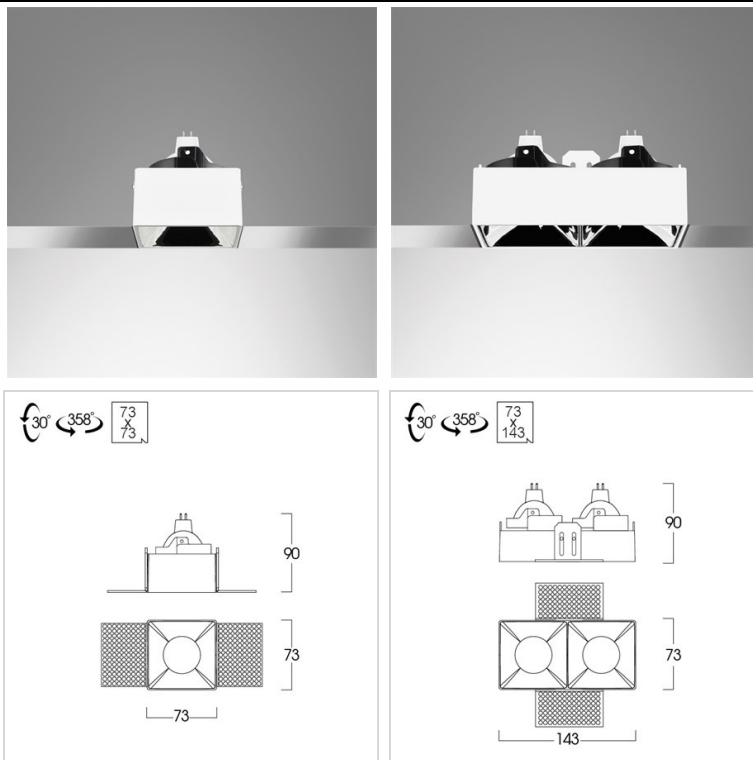
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

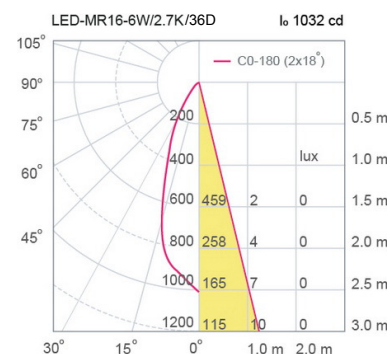
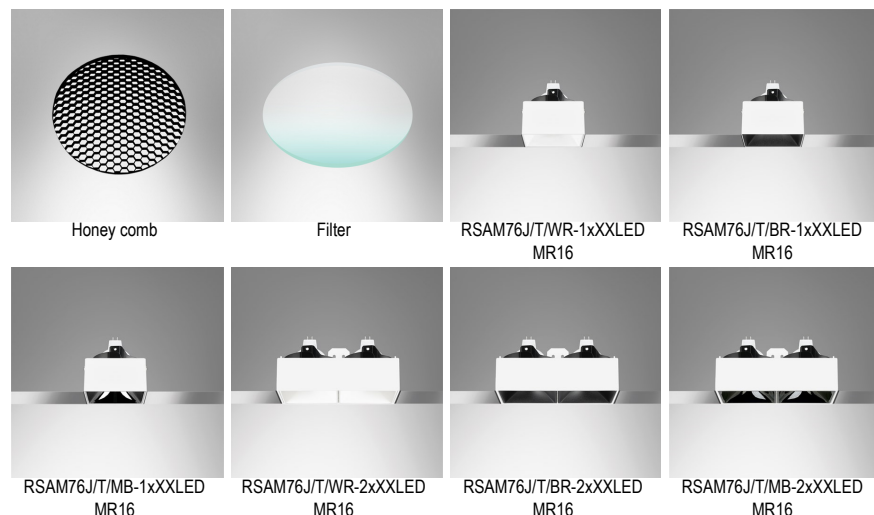
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RSAM76J/T/BR/WH-1xXXLED MR16	4-8W
RSAM76J/T/MB/WH-1xXXLED MR16	4-8W
RSAM76J/T/MI/WH-1xXXLED MR16	4-8W
RSAM76J/T/WR/WH-1xXXLED MR16	4-8W
RSAM76J/T/BR/WH-2xXXLED MR16	8-16W
RSAM76J/T/MB/WH-2xXXLED MR16	8-16W
RSAM76J/T/MI/WH-2xXXLED MR16	8-16W
RSAM76J/T/WR/WH-2xXXLED MR16	8-16W



Related Products



LED Multi-Recessed Downlight



RSAM90D

Application

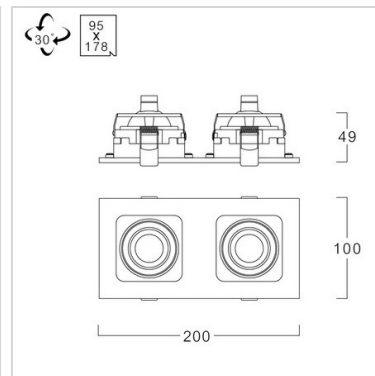
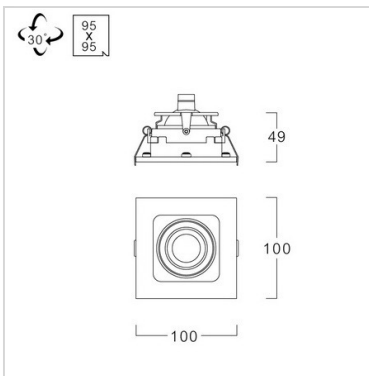
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM90D/WH-1xXXLED-MR16	4-8W
RSAM90D/WH-2xXXLED-MR16	8-16W



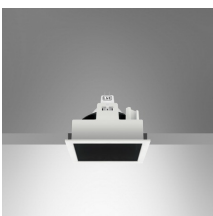
Related Products



RSAP90D-1xLED PAR16



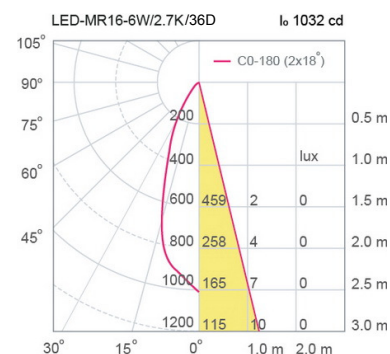
RSAP90D-2xLED PAR16



RSAM83D-1xLED MR16



RSAM83D-1xLED MR16



LED Multi-Recessed Downlight



TIS RSM80

Application

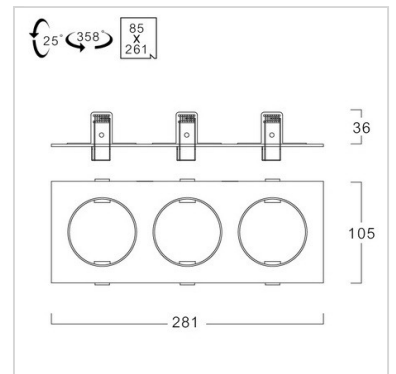
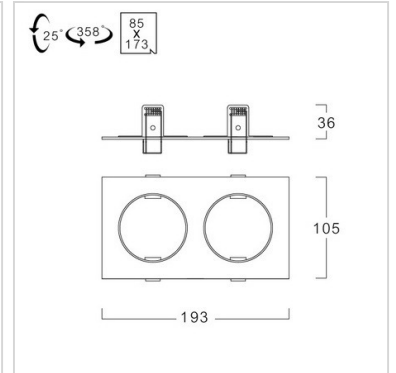
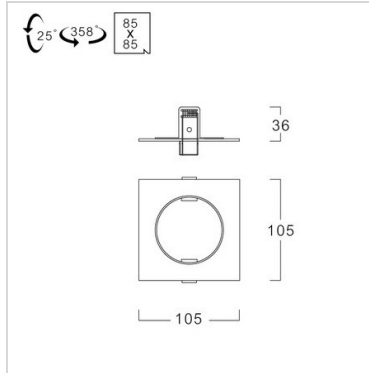
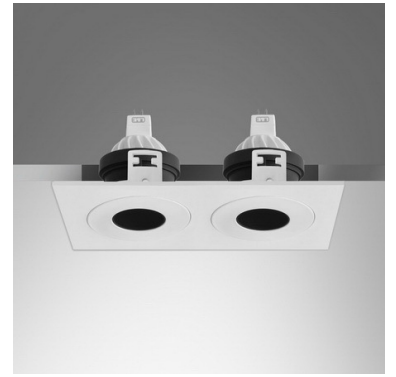
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

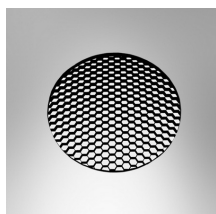
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications. PH (Adjustable) SL (Adjustable) D (Fixed) H (Adjustable)
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

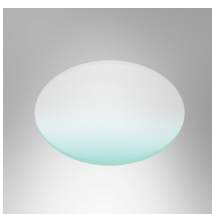
Model	Watt
RSM80/PH/WH-1xXXLED-MR16	4-8W
RSM80/PH/WH-2xXXLED-MR16	8-16W
RSM80/PH/WH-3xXXLED-MR16	12-24W



Related Products



Honey comb



Filter



PH (Adjustable)



SL (Adjustable)



D (Fixed)



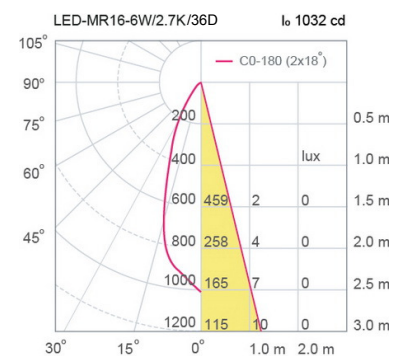
H (Adjustable)



RAM80-LED MR16



RAM80D-LED MR16



LED Multi-Recessed Downlight



TIS RSAM82

Application

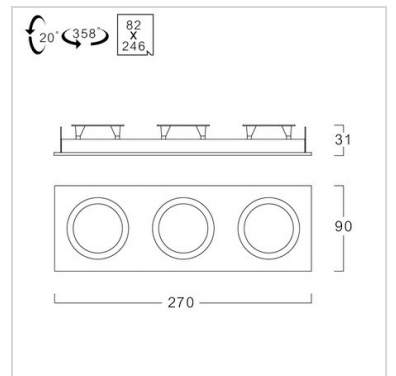
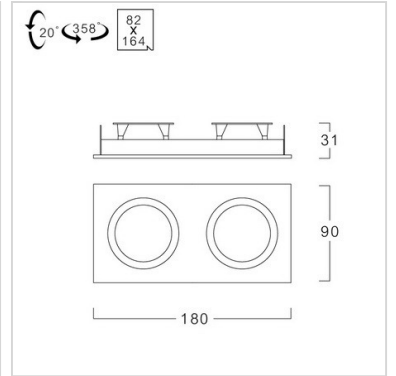
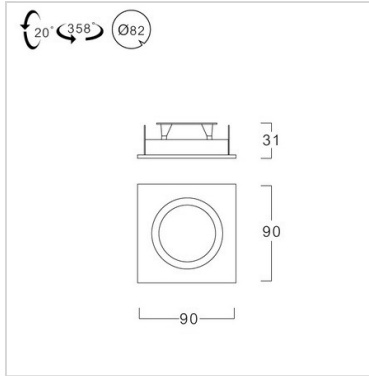
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Lathed aluminium
Finishing	Hair-line surface
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM82/S-1xXXLED-MR16	4-8W
RSAM82/S-2xXXLED-MR16	8-16W
RSAM82/S-3xXXLED-MR16	12-24W



Related Products



RAM82-LED MR16



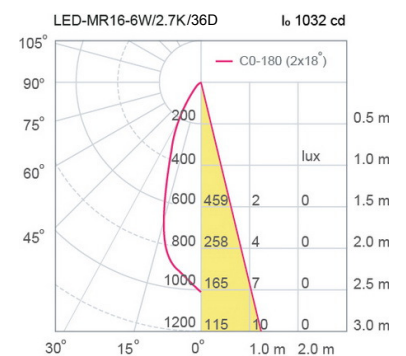
RAM91-LED MR16



RAM83-LED MR16



RAM80-LED MR16



LED Multi-Recessed Downlight



TIS RSFM83

Application

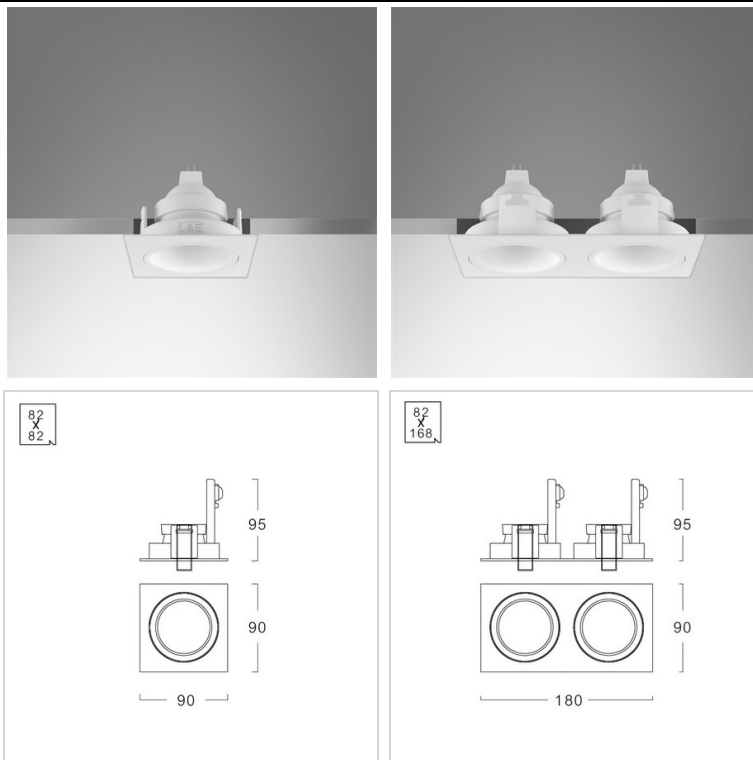
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

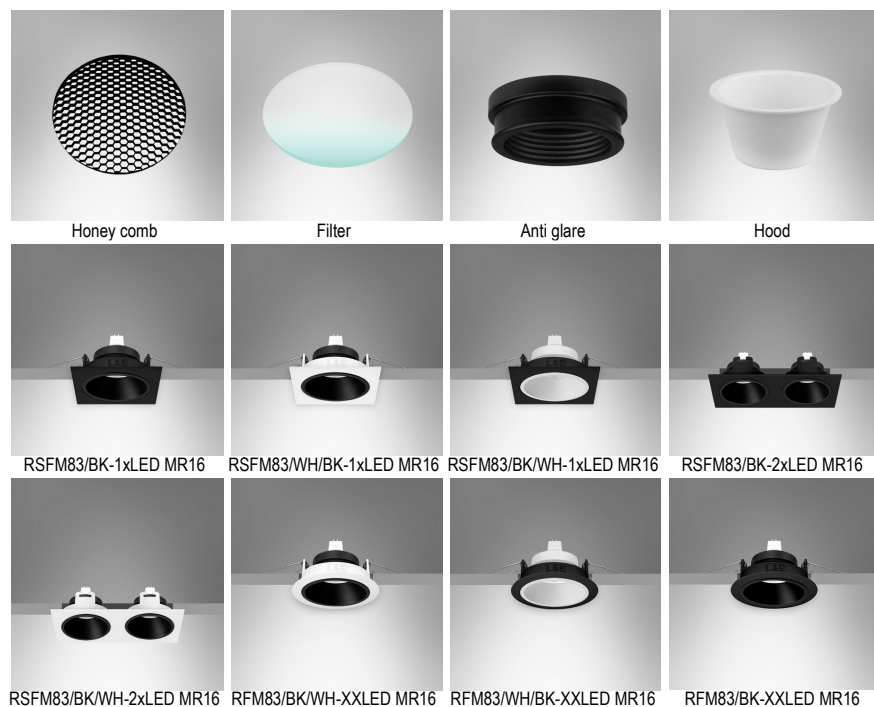
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder Coated in white/black
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

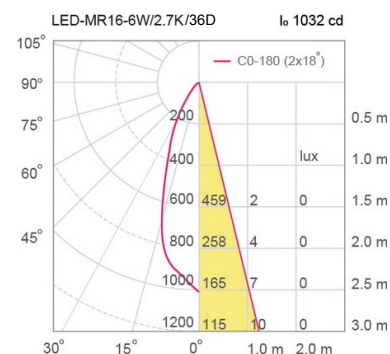
Model	Watt
RSFM83/WH-1xXXLED-MR16	4-8W
RSFM83/WH-2xXXLED-MR16	8-16W



Related Products



RSFM83/BK-1xLED MR16 RSFM83/WH/BK-1xLED MR16 RSFM83/BK/WH-1xLED MR16 RSFM83/BK-2xLED MR16
RSFM83/BK/WH-2xLED MR16 RFM83/BK/WH-XXLED MR16 RFM83/WH/BK-XXLED MR16 RFM83/BK-XXLED MR16



LED Multi-Recessed Downlight



TIS RSAM83

Application

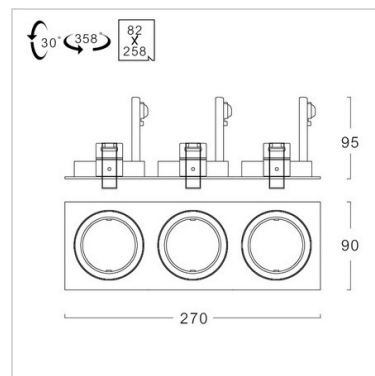
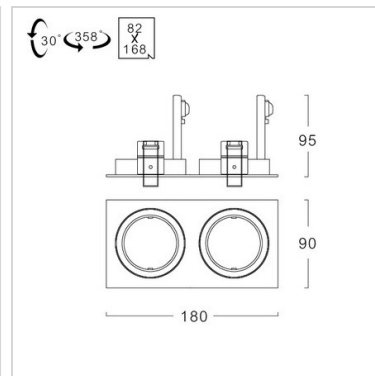
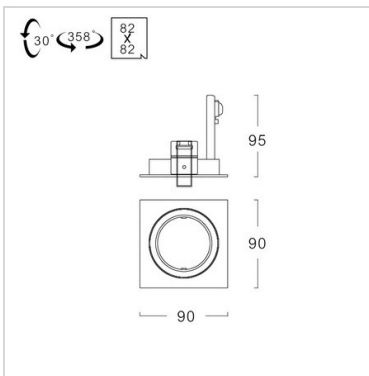
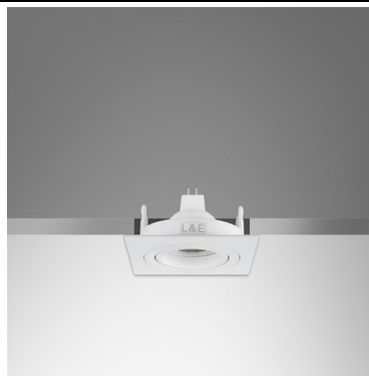
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

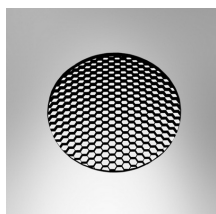
Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

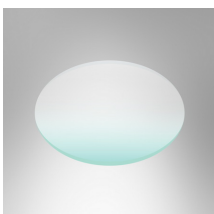
Model	Watt
RSAM83/WH-1xXXLED-MR16	4-8W
RSAM83/WH-2xXXLED-MR16	8-16W
RSAM83/WH-3xXXLED-MR16	12-24W



Related Products



Honey comb



Filter



Anti glare



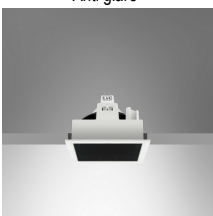
Hood



RAM83-LED MR16



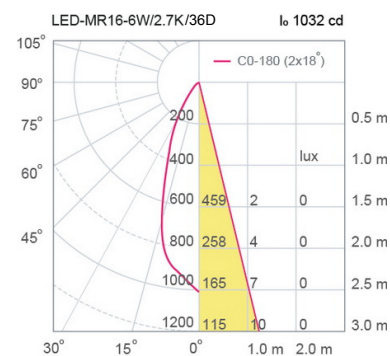
RAM83D-LED MR16



RSAM83D-LED MR16



RAM80-LED MR16



LED Multi-Recessed Downlight



RSAM83D

Application

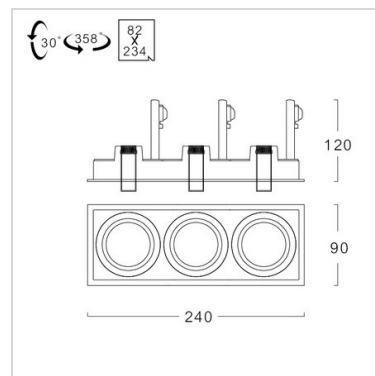
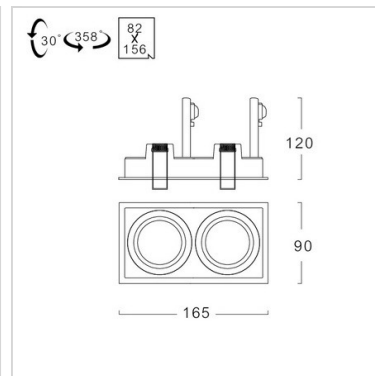
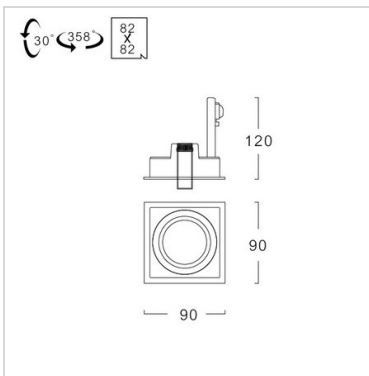
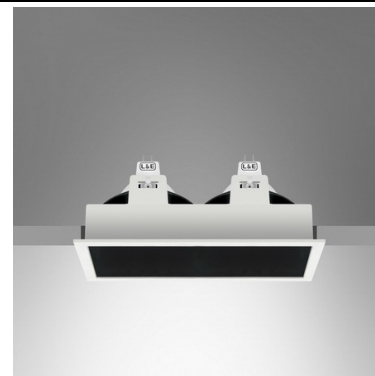
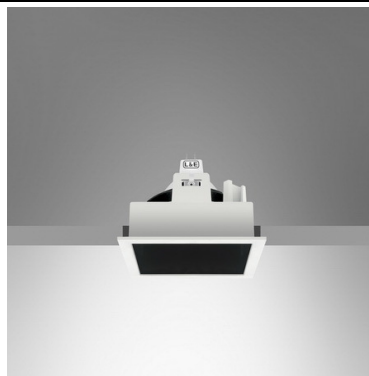
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

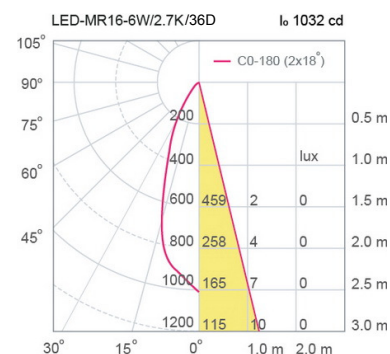
Housing	Die-cast aluminium
Description	3 different color matching are available for various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white
Finishing	Powder coated in black/white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM83D/BK/WH-1xXXLED-MR16	4-8W
RSAM83D/BK/WH-2xXXLED-MR16	8-16W
RSAM83D/BK/WH-3xXXLED-MR16	12-24W



Related Products



LED Multi-Recessed Downlight



TIS RSAM99

Application

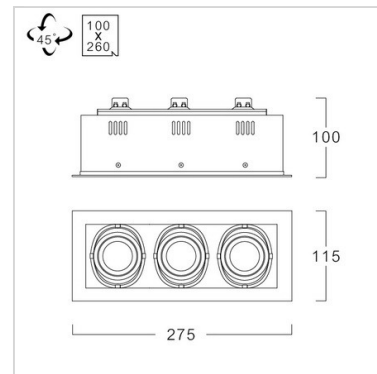
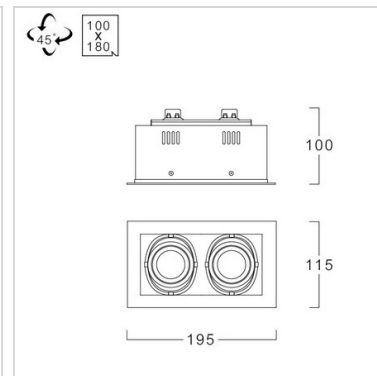
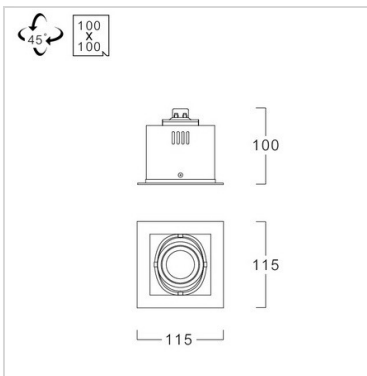
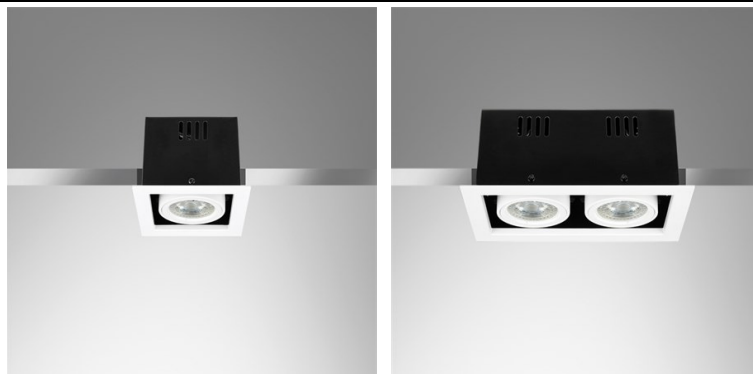
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

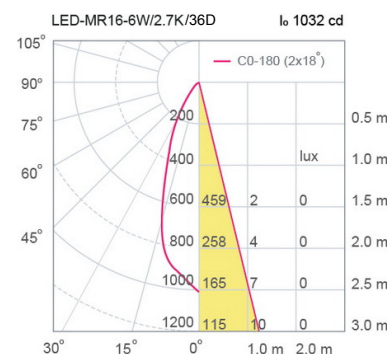
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black BK/WH : lamp head black , trim white
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM99/WH-1xXXLED-MR16	4-8W
RSAM99/WH-2xXXLED-MR16	8-16W
RSAM99/WH-3xXXLED-MR16	12-24W



Related Products



LED Multi-Recessed Downlight



TIS RSAM106D

Application

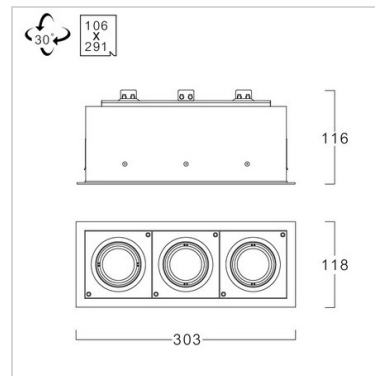
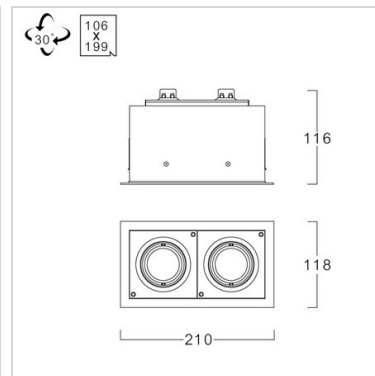
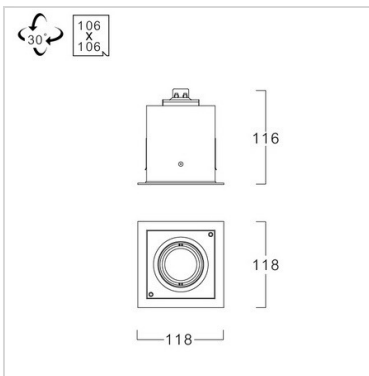
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

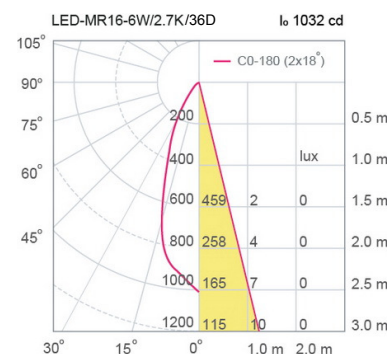
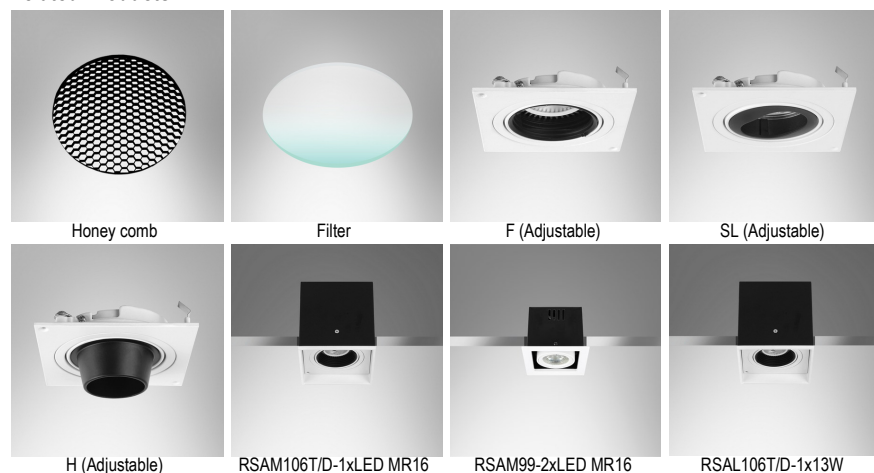
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different lamp heads are available for various applications. F (Adjustable) SL (Adjustable) H (Adjustable)
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM106D/WH-1xXXLED-MR16	4-8W
RSAM106D/WH-2xXXLED-MR16	8-16W
RSAM106D/WH-3xXXLED-MR16	12-24W



Related Products



LED Multi-Recessed Downlight



TIS RSAM106T/D

Application

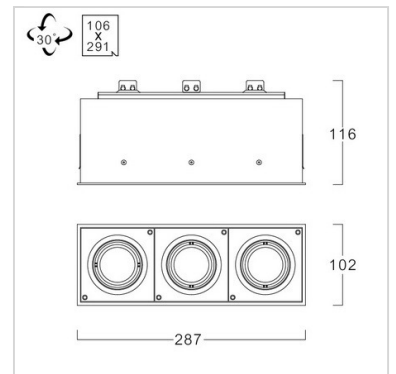
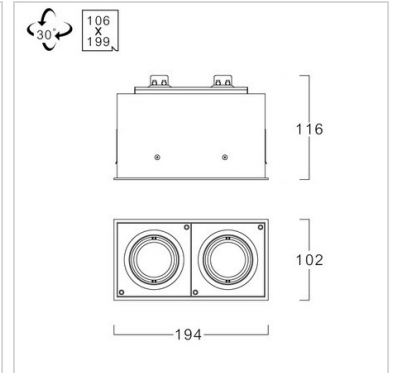
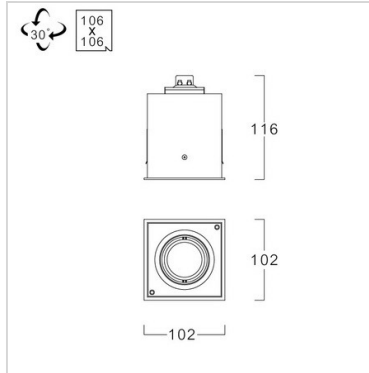
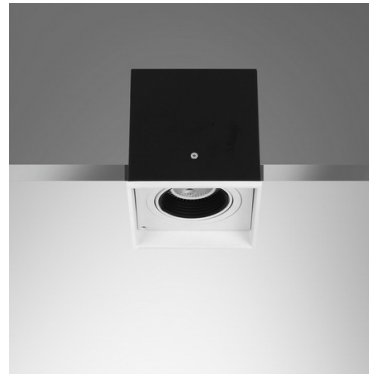
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

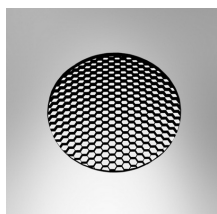
Housing	Painted steel frame and Die-cast aluminium lamp head Trimless
Description	3 different lamp heads are available for various applications. F (Adjustable) SL (Adjustable) H (Adjustable)
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

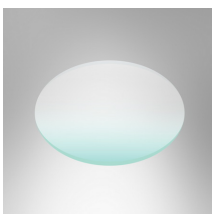
Model	Watt
RSAM106T/D/WH-1xXXLED-MR16	4-8W
RSAM106T/D/WH-2xXXLED-MR16	8-16W
RSAM106T/D/WH-3xXXLED-MR16	12-24W



Related Products



Honey comb



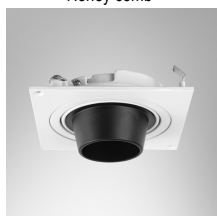
Filter



F (Adjustable)



SL (Adjustable)



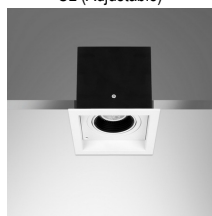
H (Adjustable)



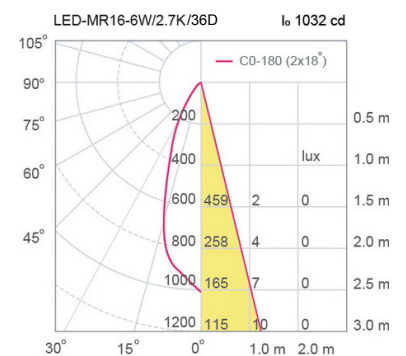
RSAM106D-1xLED MR16



RSAM99-2xLED MR16



RSAL106D-1x13W



LED Multi-Recessed Downlight



 TIS **RSAQ150**

Application

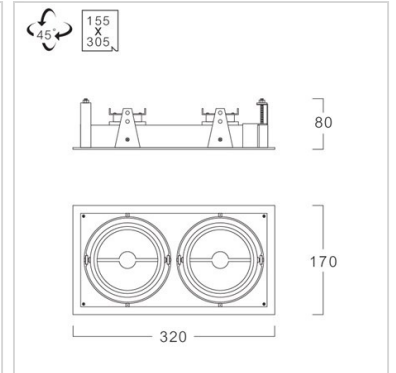
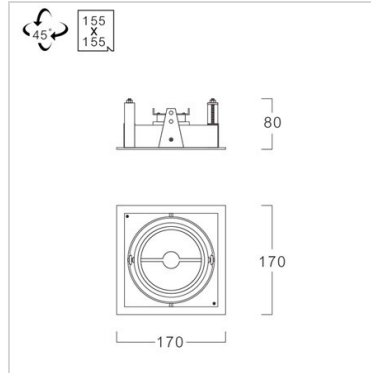
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 15W / 2 lamps : 30W 1 lamp : 20W / 2 lamps : 40W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RSAQ150/BK-1xXXLED	-
RSAQ150/BK-2xXXLED	-



Related Products



Hood



Master LED AR111

LED Multi-Recessed Downlight



TIS RSAQ150D

Application

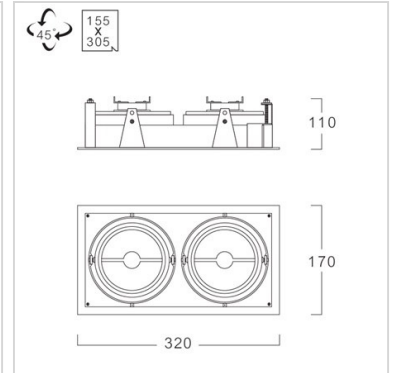
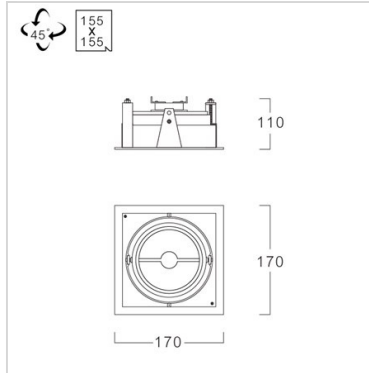
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white
Mounting	Recessed
Power	1 lamp : 15W / 2 lamps : 30W 1 lamp : 20W / 2 lamps : 40W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RSAQ150D/BK-1xXXLED	-
RSAQ150D/BK-2xXXLED	30-40W



Related Products



Hood



Master LED AR111

LED Multi-Recessed Downlight



TIS RSAQ166

Application

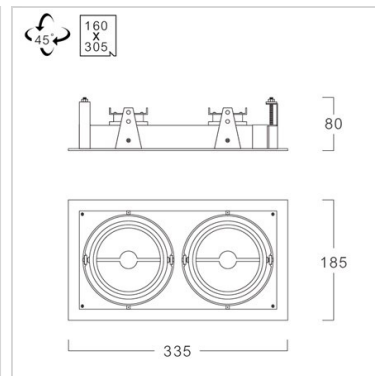
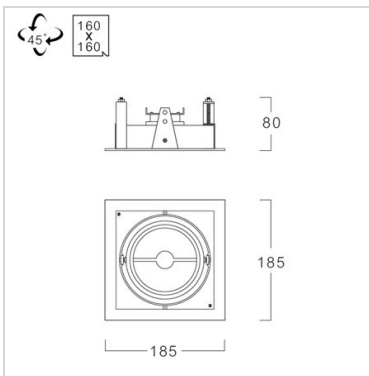
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white
Mounting	Recessed
Power	1 lamp : 15W / 2 lamps : 30W 1 lamp : 20W / 2 lamps : 40W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RSAQ166/BK-1xXXLED	15-20W
RSAQ166/BK-2xXXLED	30-40W



Related Products



Hood



Master LED AR111

LED Multi-Recessed Downlight



TIS RSAQ166D

Application

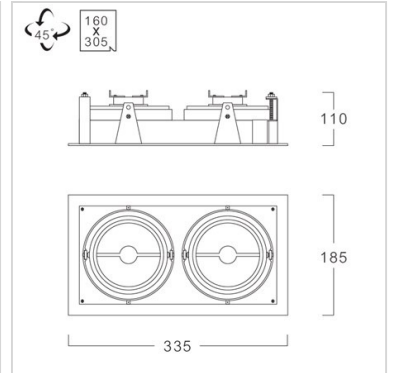
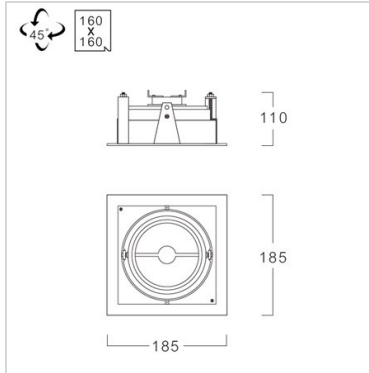
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white
Mounting	Recessed
Power	1 lamp : 15W / 2 lamps : 30W 1 lamp : 20W / 2 lamps : 40W
Light Source	Master LED AR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RSAQ166D/BK-1xXXLED	15-20W
RSAQ166D/BK-2xXXLED	30-40W



Related Products



Hood



Master LED AR111

LED Multi-Recessed Downlight



TIS RSAP81D

Application

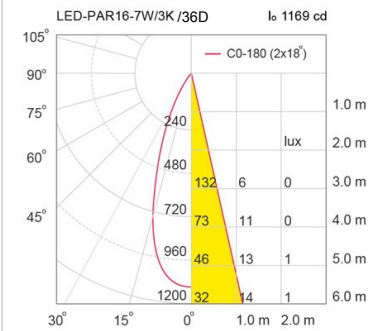
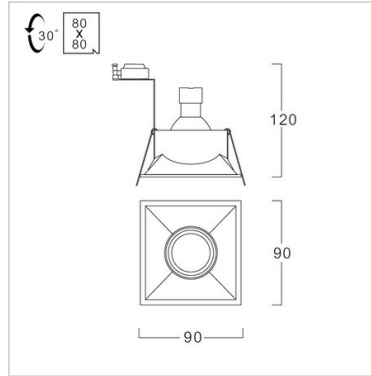
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

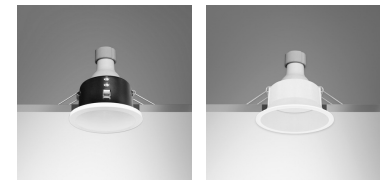
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RSAP81D/WH-XXLED-PAR16	4-7W



Related Products



RFP74D-LED PAR16

RAP81D-LED PAR16

TIS RSAP90D

Application

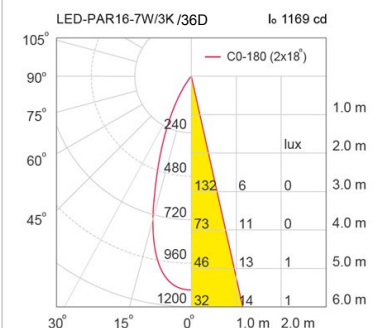
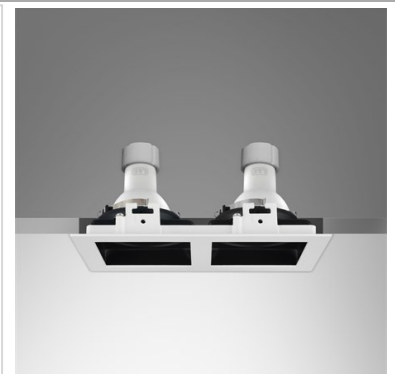
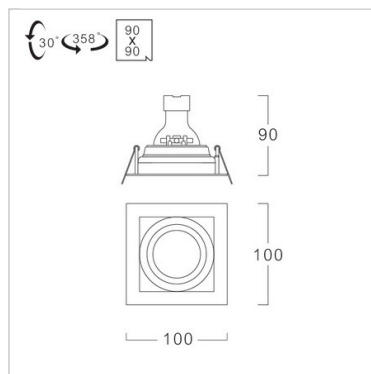
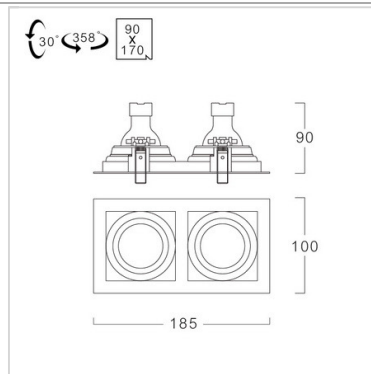
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RSAP90D/WH-1xXXLED-PAR16	4-7W
RSAP90D/WH-2xXXLED-PAR16	4-7W



Related Products



RFP74D-LED PAR16

RSFP74D-LED PAR16

LED Multi-Recessed Downlight



MRDC125T

Application

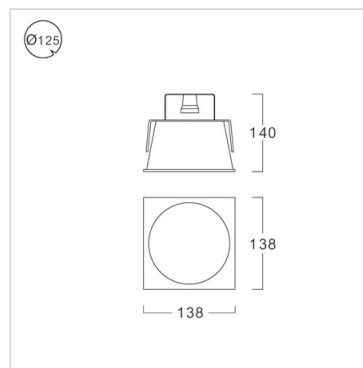
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted Aluminum Frame
Finishing	Powder coated in white
Mounting	Recessed
Power	4-12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	4W : 3000/6500K : 350 lm 7W : 3000/6500K : 600 lm 9.5W : 3000/6500K : 810 lm 12W : 3000/6500K : 1050 lm
Power Supply	220VAC/50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-18W

Ordering Data

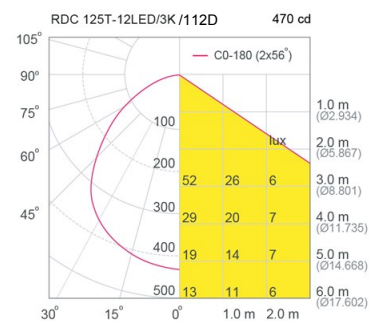
Model	Watt
MRDC125T/WH-XXLED-BULB	4-12W



Related Products



RDC125T-LED BULB



LED Multi-Recessed Downlight



MRDC135F

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

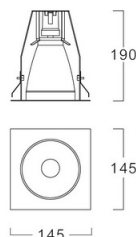
Specification

Housing	Painted steel frame/ring
Finishing	Powder coated in white
Mounting	Recessed
Power	1x4-7W (1 lamp) 2x4-7W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x4W : 3000/6500K : 1x350 lm 2x4W : 3000/6500K : 2x350 lm 1x6W : 3000K/6500K : 1x470/510 lm 2x6W : 3000K/6500K : 2x470/510 lm 1x7W : 3000/6500K : 1x600 lm 2x7W : 3000/6500K : 2x600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 8-14W 2xCFL 8-14W

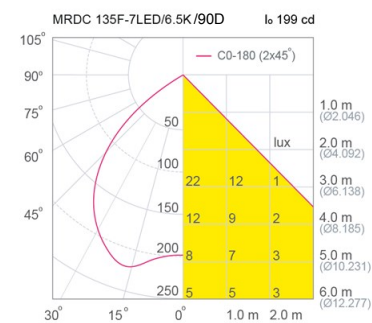
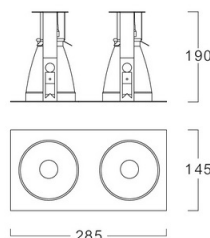
Ordering Data

Model	Watt
MRDC135F/WH-1xXXLED BULB	4-7W
MRDC135F/WH-2xXXLED BULB	8-14W

125
x
125



125
x
250



Related Products



MRDC135D-1xLED BULB

MRDC155F

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

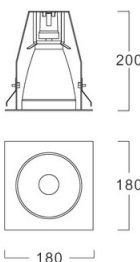
Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x7-12W (1 lamp) 2x7-12W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x7W : 3000K/6500K : 1x600/650 lm 2x7W : 3000K/6500K : 2x600/650 lm 1x9.5W : 3000/6500K : 1x810/850 lm 2x9.5W : 3000/6500K : 2x810/850 lm 1x12W : 3000/6500K : 1x1050/1125 lm 2x12W : 3000/6500K : 2x1050/1125 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 14-18W 2xCFL 14-18W

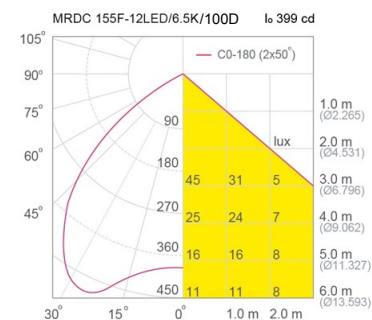
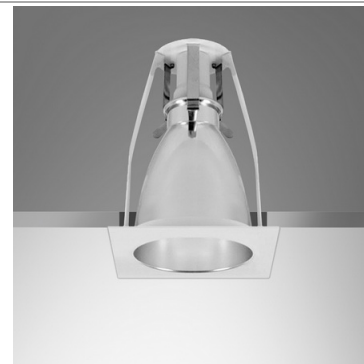
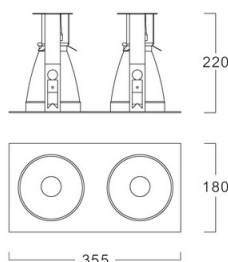
Ordering Data

Model	Watt
MRDC155F/WH-1xXXLED BULB	7-12W
MRDC155F/WH-2xXXLED BULB	14-24W

165
x
165



160
x
325



Related Products



MRDC155D-1xLED BULB

LED Multi-Recessed Downlight



MRDC135D

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

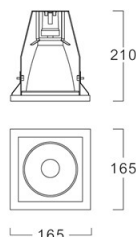
Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-7W (1 lamp) 2x4-7W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x4W : 3000/6500K : 1x350 lm 2x4W : 3000/6500K : 2x350 lm 1x6W : 3000K/6500K : 1x470/510 lm 2x6W : 3000K/6500K : 2x470/510 lm 1x7W : 3000/6500K : 1x600 lm 2x7W : 3000/6500K : 2x600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 8-14W 2xCFL 8-14W

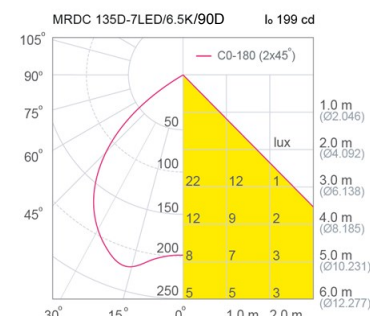
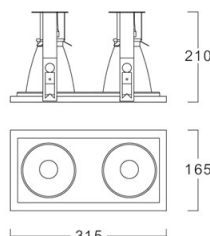
Ordering Data

Model	Watt
MRDC135D/WH-1xXXLED BULB	4-7W
MRDC135D/WH-2xXXLED BULB	8-14W

135
x
135



145
x
290



Related Products



MRDC135F-1xLED BULB

MRDC155D

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

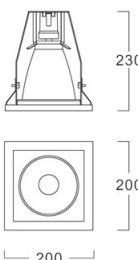
Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x7-12W (1 lamp) 2x7-12W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x7W : 3000K/6500K : 1x600/650 lm 2x7W : 3000K/6500K : 2x600/650 lm 1x9.5W : 3000/6500K : 1x810/850 lm 2x9.5W : 3000/6500K : 2x810/850 lm 1x12W : 3000/6500K : 1x1050/1125 lm 2x12W : 3000/6500K : 2x1050/1125 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 14-18W 2xCFL 14-18W

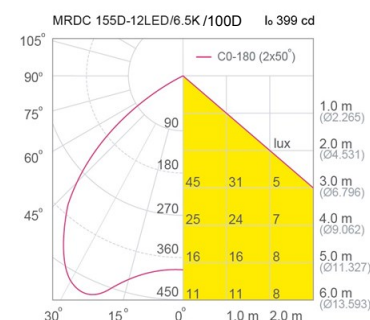
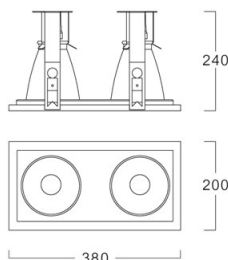
Ordering Data

Model	Watt
MRDC155D/WH-1xXXLED BULB	7-12W
MRDC155D/WH-2xXXLED BULB	14-24W

165
x
165



165
x
350



Related Products



MRDC155F-1xLED BULB

LED Multi-Recessed Downlight



RSAL60

Application

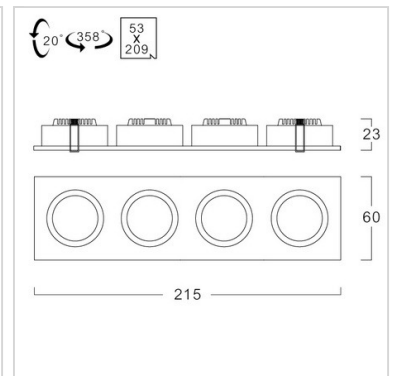
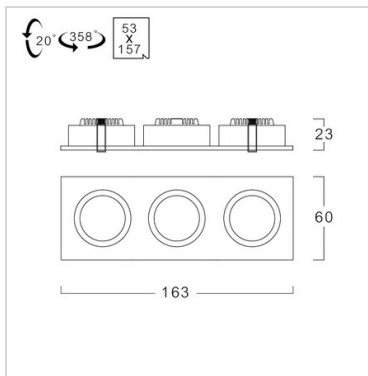
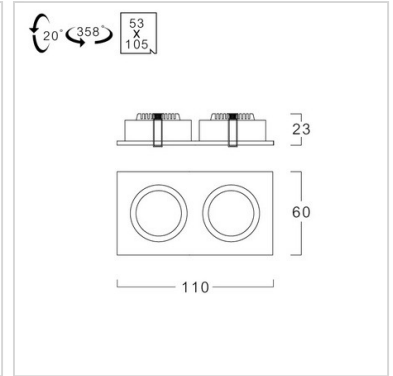
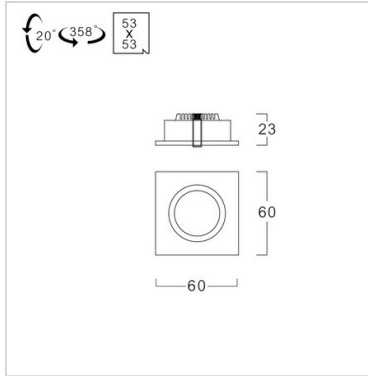
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Lathed aluminium
Finishing	Hair-line surface
Mounting	Recessed
Power	1 lamp : 3W 2 lamps : 6W 3 lamps : 9W 4 lamps : 12W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	134 lm
Beam Angle	15/25/40 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	3W: 1xMR11 20W 6W: 2xMR11 20W 9W: 3xMR11 20W 12W: 4xMR11 20W

Ordering Data

Model	Watt
RSAL60/S-1X3LED	3W
RSAL60/S-2X3LED	6W
RSAL60/S-3X3LED	9W
RSAL60/S-4X3LED	12W



Related Products



RSAL60-3W

LED Multi-Recessed Downlight



RSAL76J

Application

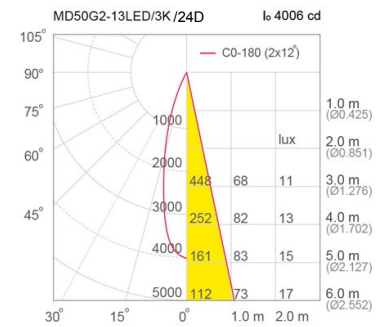
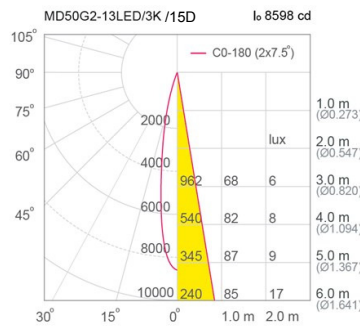
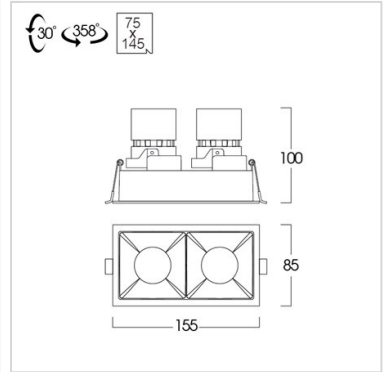
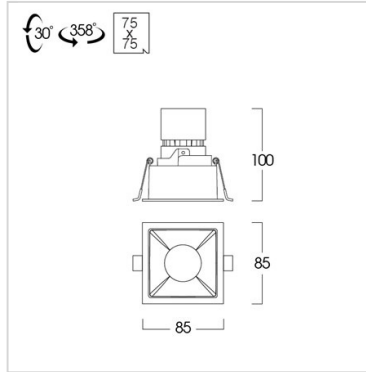
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

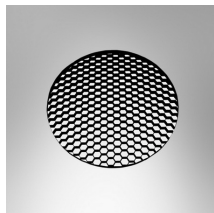
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	950/995/1090 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 36 Degree

Ordering Data

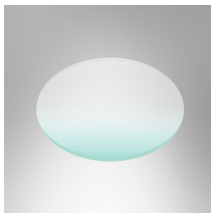
Model	Watt
RSAL76J/BR/WH-1x13LED	13W
RSAL76J/MB/WH-1x13LED	13W
RSAL76J/MI/WH-1x13LED	13W
RSAL76J/WR/WH-1x13LED	13W
RSAL76J/BR/WH-2x13LED	26W
RSAL76J/MB/WH-2x13LED	26W
RSAL76J/MI/WH-2x13LED	26W
RSAL76J/WR/WH-2x13LED	26W



Related Products



Honey comb



Filter



RSAL76J/WR-1x13W



RSAL76J/BR-1x13W



RSAL76J/MB-1x13W



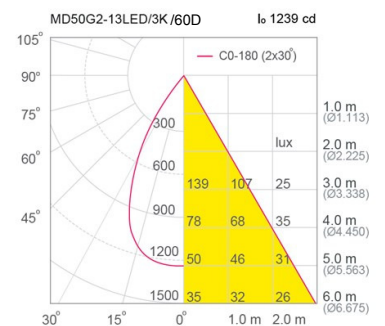
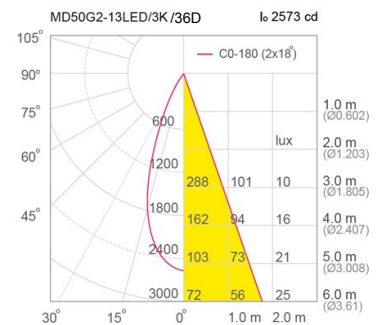
RSAL76J/WR-2x13W



RSAL76J/BR-2x13W



RSAL76J/MB-2x13W



LED Multi-Recessed Downlight



RSAL76J/T

Application

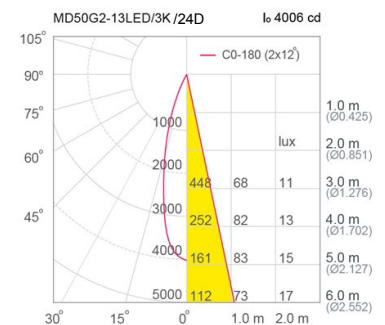
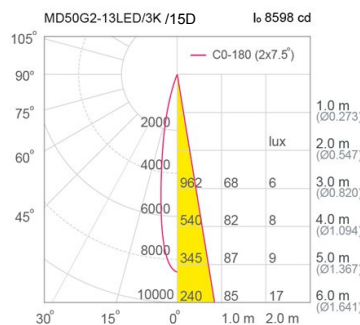
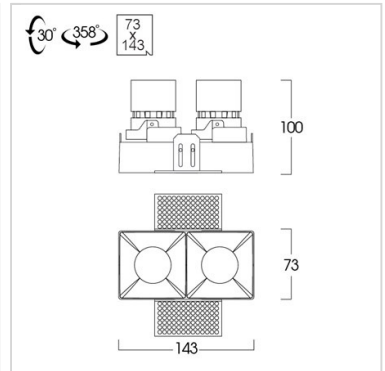
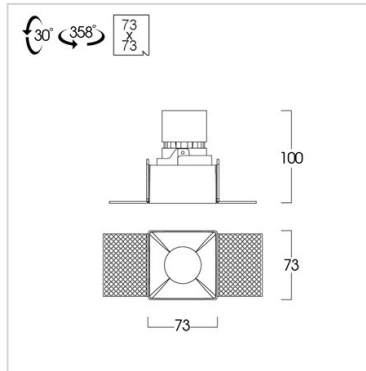
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

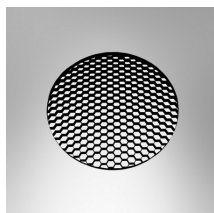
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	950/995/1090 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 36 Degree

Ordering Data

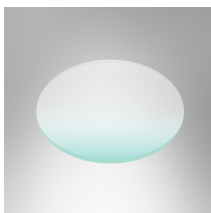
Model	Watt
RSAL76J/T/BR/WH-1x13LED	13W
RSAL76J/T/MB/WH-1x13LED	13W
RSAL76J/T/MI/WH-1x13LED	13W
RSAL76J/T/WR/WH-1x13LED	13W
RSAL76J/T/BR/WH-2x13LED	26W
RSAL76J/T/MB/WH-2x13LED	26W
RSAL76J/T/MI/WH-2x13LED	26W
RSAL76J/T/WR/WH-2x13LED	26W



Related Products



Honey comb



Filter



RSAL76J/T/WR-1x13W



RSAL76J/T/BR-1x13W



RSAL76J/T/MB-1x13W



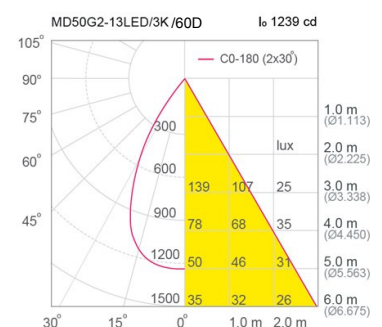
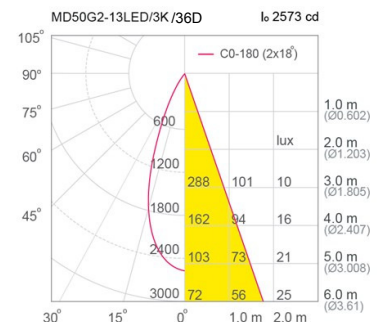
RSAL76J/T/WR-2x13W



RSAL76J/T/BR-2x13W



RSAL76J/T/MB-2x13W



LED Multi-Recessed Downlight



RSFL83

Application

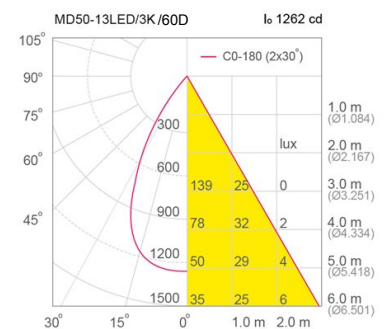
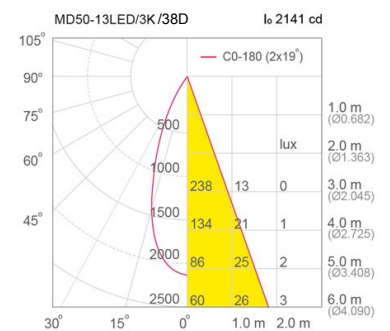
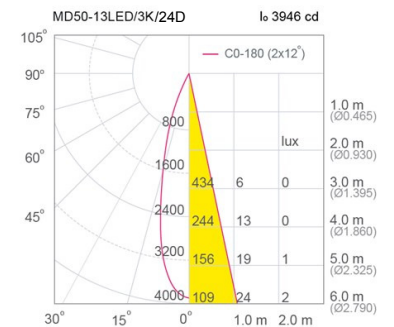
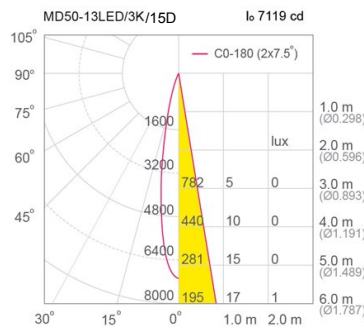
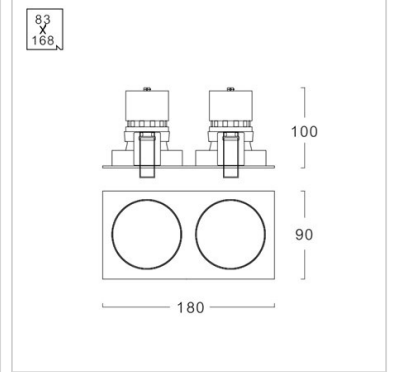
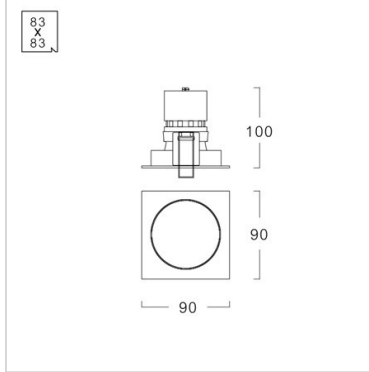
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

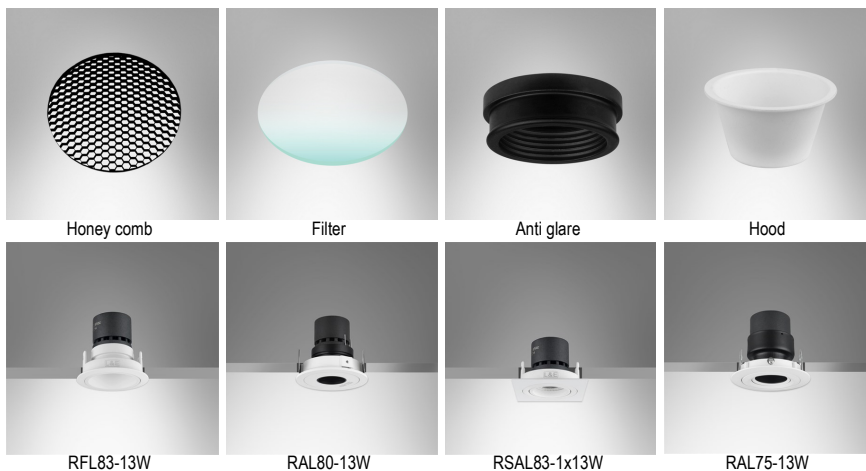
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder coated in white / black
Finishing	
Mounting	Recessed
Power	1 lamp : 13W 2 lamps : 26W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/38/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSFL83/WH-1x13LED	13W
RSFL83/WH-2x13LED	26W



Related Products



LED Multi-Recessed Downlight



TIS RSAL83

Application

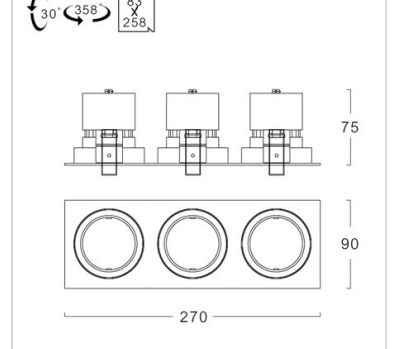
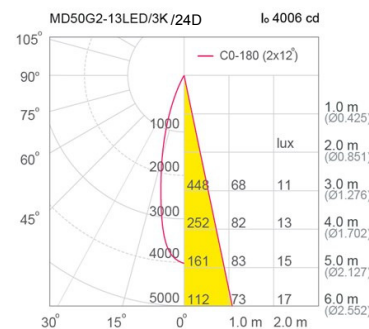
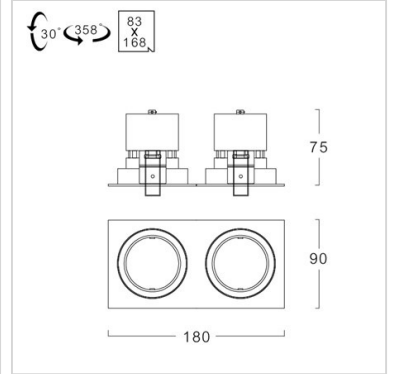
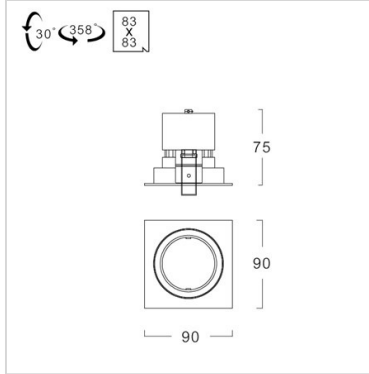
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

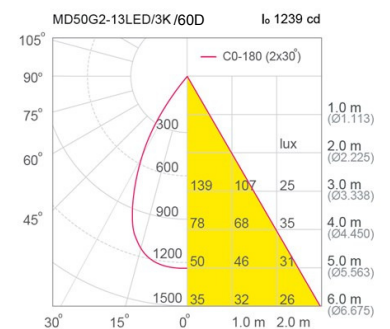
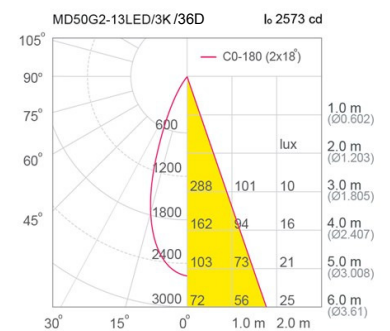
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 13W 2 lamps : 26W 3 lamps : 39W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL83/WH-1x13LED	13W
RSAL83/WH-2x13LED	26W
RSAL83/WH-3x13LED	39W



Related Products



LED Multi-Recessed Downlight



TIS RSAL83D

Application

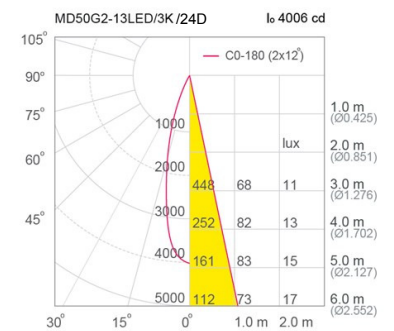
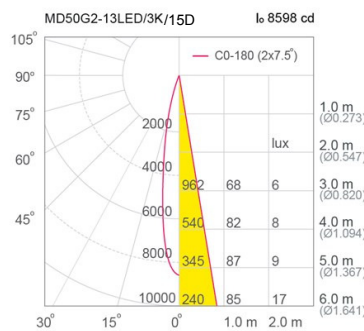
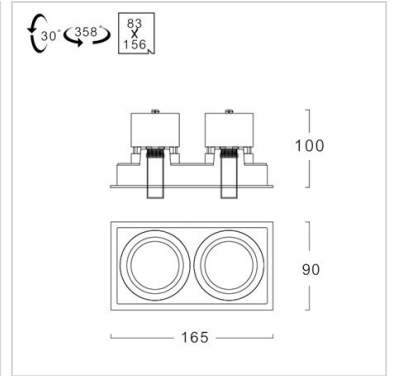
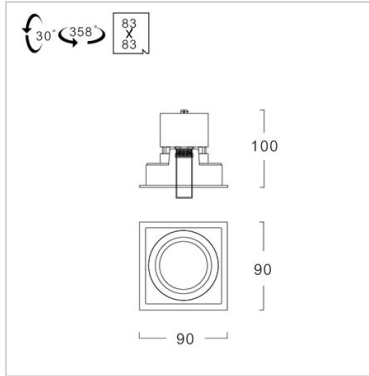
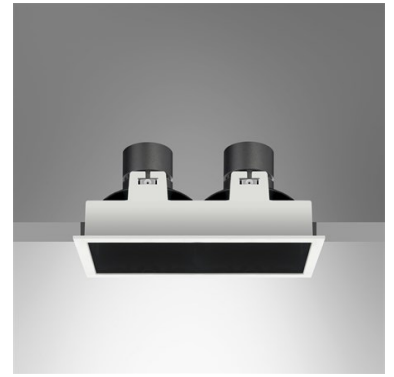
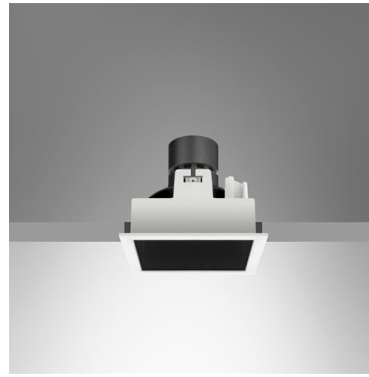
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

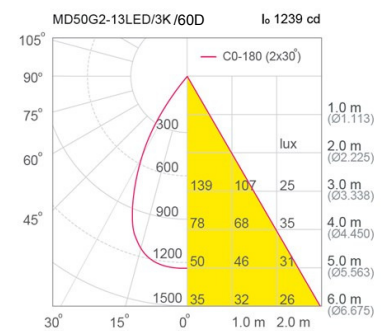
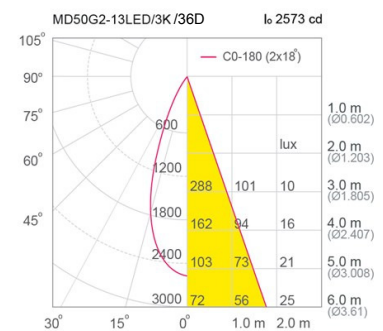
Housing	Die-cast aluminium
Description	3 different color matching are available or various applications BK/WH : inner black , trim white BK : inner black , trim black WH : inner white , trim white Powder coated in white / black
Finishing	
Mounting	Recessed
Power	1 lamp : 13W 2 lamps : 26W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL83D/BK/WH-1x13LED	13W
RSAL83D/BK-1x13LED	13W
RSAL83D/WH-1x13LED	13W
RSAL83D/BK/WH-2x13LED	26W
RSAL83D/BK-2x13LED	26W
RSAL83D/WH-2x13LED	26W



Related Products



LED Multi-Recessed Downlight



RSAL99

Application

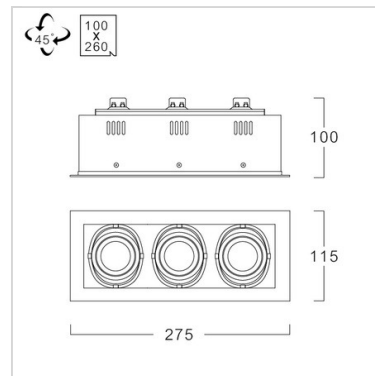
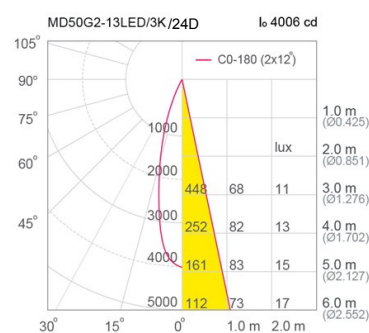
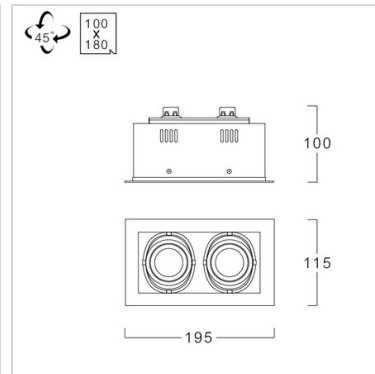
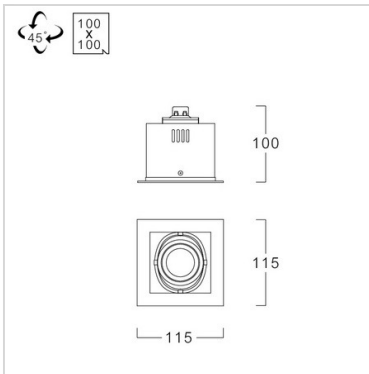
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

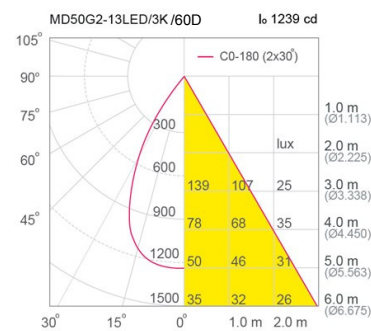
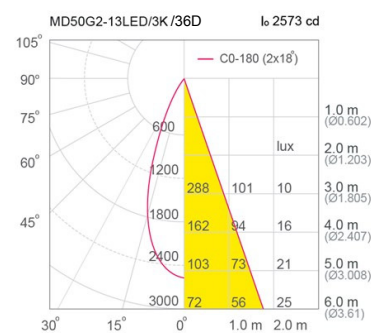
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black BK/WH : lamp head black , trim white
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1 lamp : 13W 2 lamps : 26W 3 lamps : 39W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL99/WH-1x13LED	13W
RSAL99/WH-2x13LED	26W
RSAL99/WH-3x13LED	39W



Related Products



LED Multi-Recessed Downlight



RSAL106D

Application

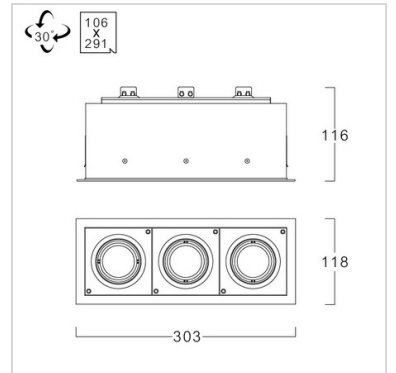
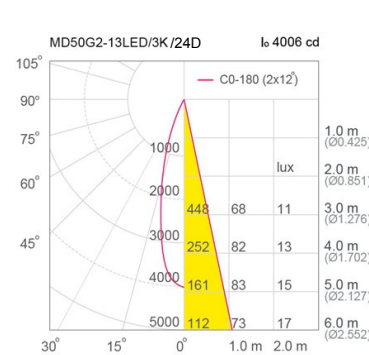
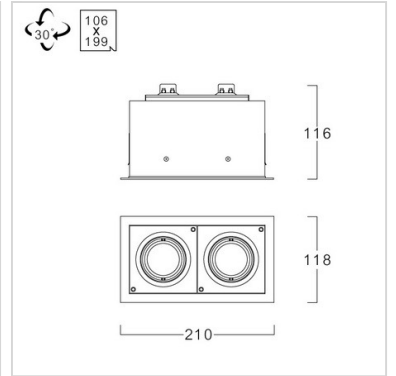
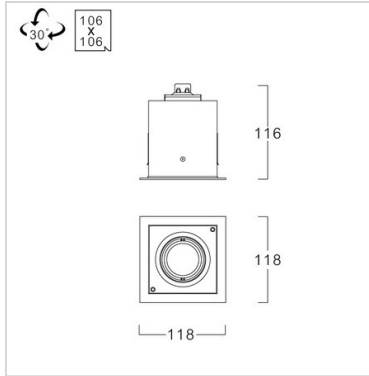
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

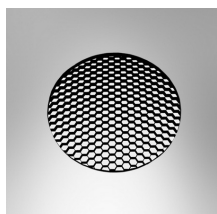
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different lamp heads are available for various applications. F (Adjustable) SL (Adjustable) H (Adjustable)
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 13W 2 lamps : 26W 3 lamps : 39W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

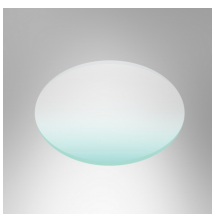
Model	Watt
RSAL106D/WH-1x13LED	13W
RSAL106D/WH-2x13LED	26W
RSAL106D/WH-3x13LED	39W



Related Products



Honey comb



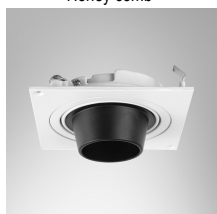
Filter



F (Adjustable)



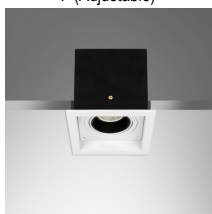
SL (Adjustable)



H (Adjustable)



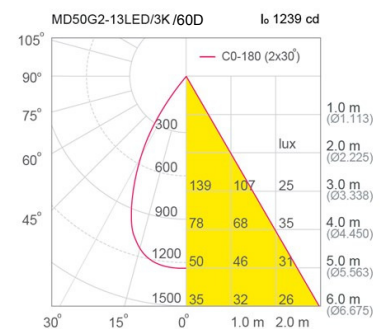
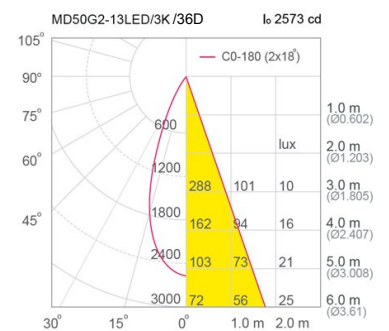
RSAL106T/D-1x13W



RSAM106D-1xLED MR16



RSAM99-1xLED MR16



LED Multi-Recessed Downlight



TIS RSAL107E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL107E/WH-1x14LED	14W
RSAL107E/WH-1x20LED	20W
RSAL107E/WH-1x23LED	23W
RSAL107E/WH-2x14LED	28W
RSAL107E/WH-1x30LED	30W
RSAL107E/WH-2x20LED	40W
RSAL107E/WH-2x23LED	46W
RSAL107E/WH-2x30LED	60W

Related Products



Honey comb

Hood

RAL115E-14/20/23/30W

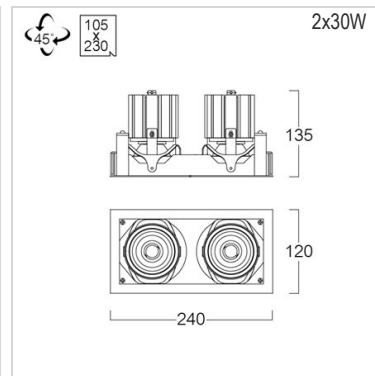
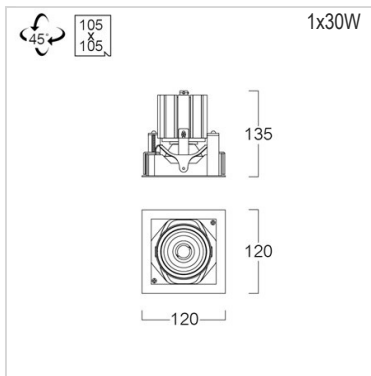
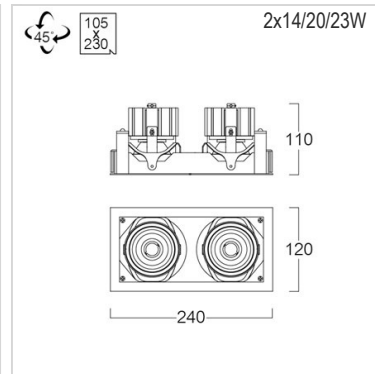
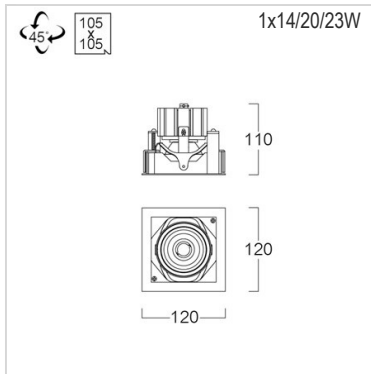
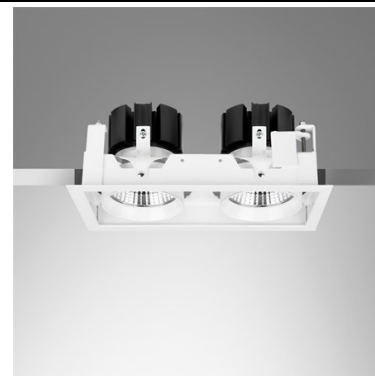
RAL107E-14/20/23/30W

RAL107D/E-14/20/23/30W

RFL100D/E-14/20/23/30W

RSAL115E-1x14/20/23/30W

RSAL115D/E-1x14/20/23/30W



LED Multi-Recessed Downlight



TIS RSAL127E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

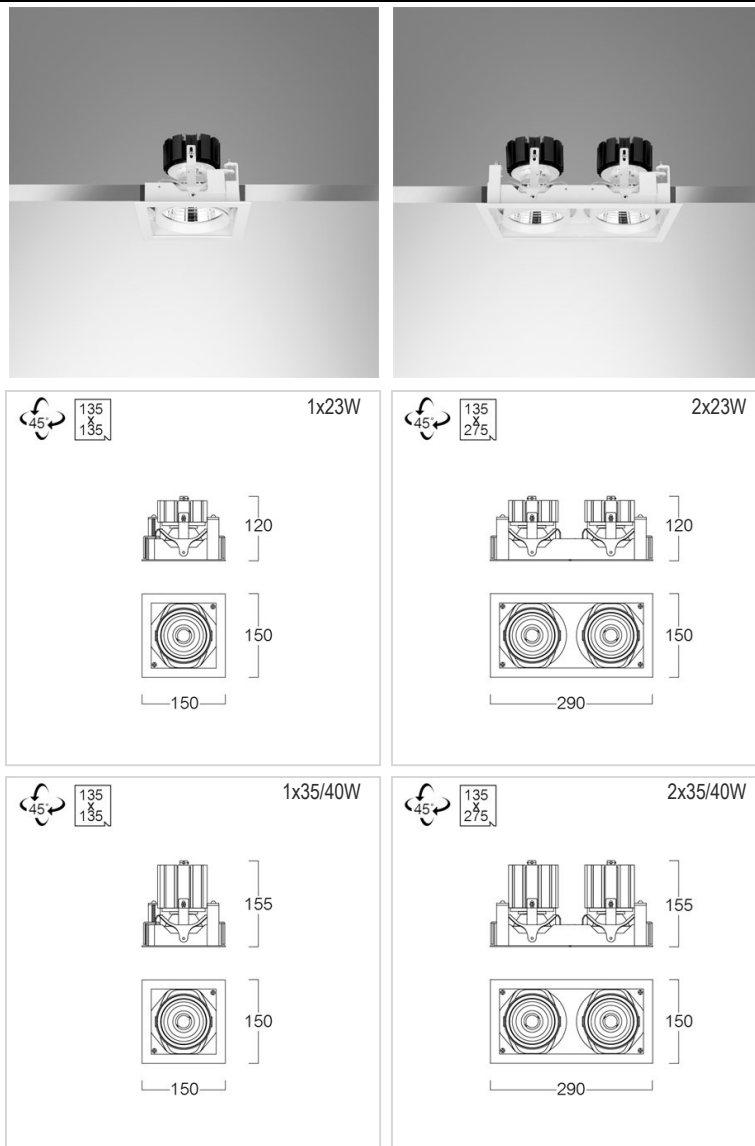
Remarks

*Value at 24 Degree

Ordering Data

Model	Watt
RSAL127E/WH-1x23LED	23W
RSAL127E/WH-1x30LED	30W
RSAL127E/WH-1x35LED	35W
RSAL127E/WH-1x40LED	40W
RSAL127E/WH-2x23LED	46W
RSAL127E/WH-2x30LED	60W
RSAL127E/WH-2x35LED	70W
RSAL127E/WH-2x40LED	80W

Related Products



LED Multi-Recessed Downlight



TIS RSAL115E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

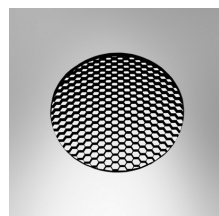
Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL115E/WH-1x14LED	14W
RSAL115E/WH-1x20LED	20W
RSAL115E/WH-1x23LED	23W
RSAL115E/WH-2x14LED	28W
RSAL115E/WH-1x30LED	30W
RSAL115E/WH-2x20LED	40W
RSAL115E/WH-2x23LED	46W
RSAL115E/WH-2x30LED	60W

Related Products



Honey comb



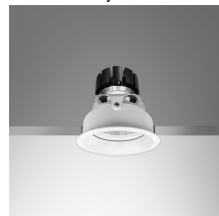
Hood



RSAL115D/E-1x14/20/23/30W



RSAL107E-1x14/20/23/30W



RAL107D/E-14/20/23/30W



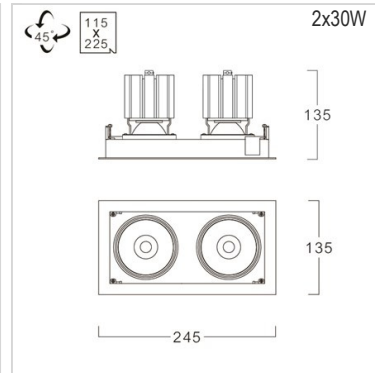
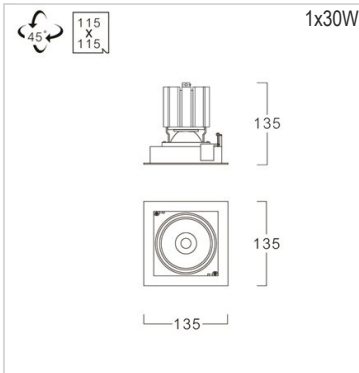
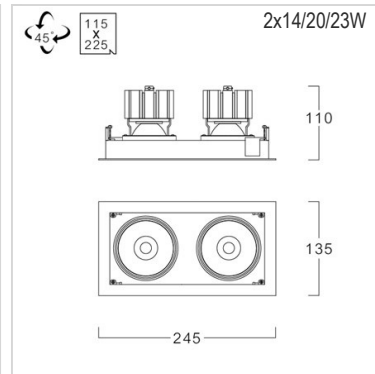
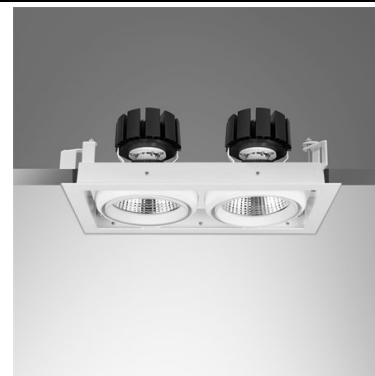
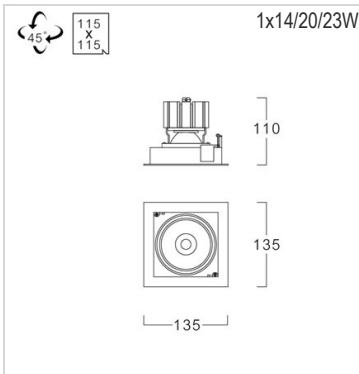
RAL115E-14/20/23/30W



RFL100D/E-14/20/23/30W



RAL107E-14/20/23/30W



LED Multi-Recessed Downlight



TIS RSAL115D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

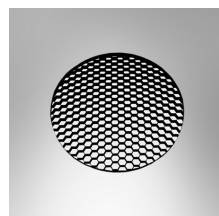
Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL115D/E/WH-1x14LED	14W
RSAL115D/E/WH-1x20LED	20W
RSAL115D/E/WH-1x23LED	23W
RSAL115D/E/WH-2x14LED	28W
RSAL115D/E/WH-1x30LED	30W
RSAL115D/E/WH-2x20LED	40W
RSAL115D/E/WH-2x23LED	46W
RSAL115D/E/WH-2x30LED	60W

Related Products



Honey comb



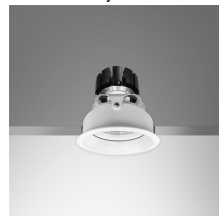
Hood



RSAL115E-1x14/20/23/30W



RSAL107E-1x14/20/23/30W



RAL107D/E-14/20/23/30W



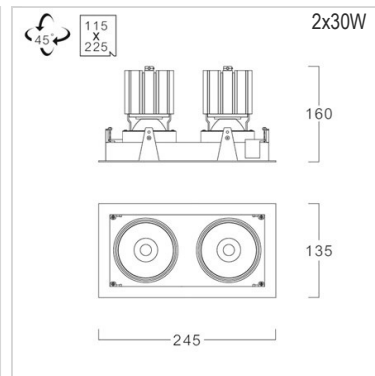
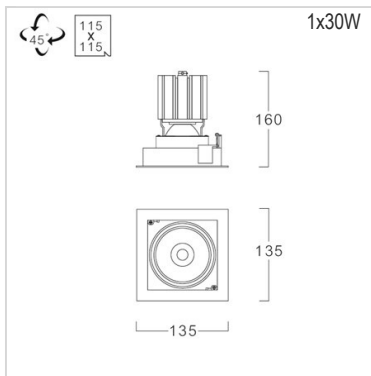
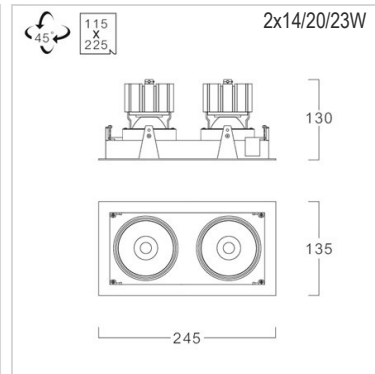
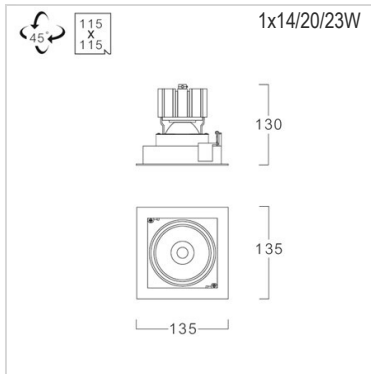
RAL115E-14/20/23/30W



RFL100D/E-14/20/23/30W



RAL107E-14/20/23/30W



LED Multi-Recessed Downlight



TIS RSAL150E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL150E/WH-1x23LED	23W
RSAL150E/WH-1x30LED	30W
RSAL150E/WH-1x35LED	35W
RSAL150E/WH-1x40LED	40W
RSAL150E/WH-2x23LED	46W
RSAL150E/WH-2x30LED	60W
RSAL150E/WH-2x35LED	70W
RSAL150E/WH-2x40LED	80W

Related Products



LED Multi-Recessed Downlight



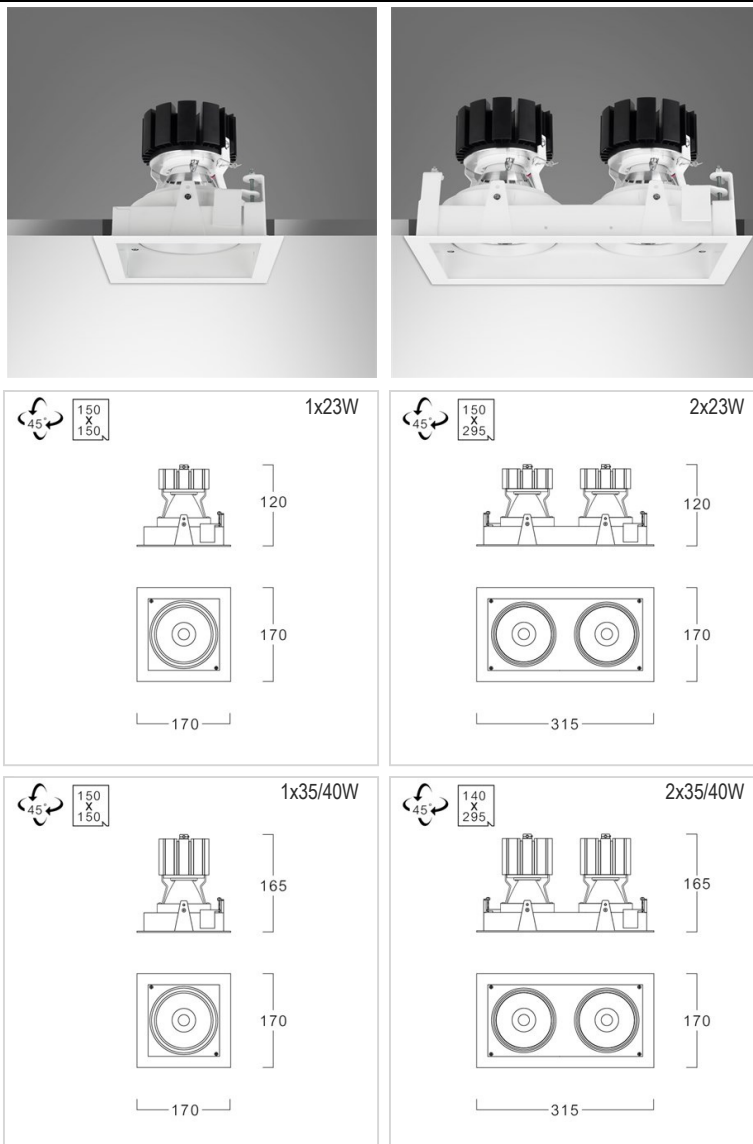
TIS RSAL150D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree



Ordering Data

Model	Watt
RSAL150D/E/WH-1x23LED	23W
RSAL150D/E/WH-1x30LED	30W
RSAL150D/E/WH-1x35LED	35W
RSAL150D/E/WH-1x40LED	40W
RSAL150D/E/WH-2x23LED	46W
RSAL150D/E/WH-2x30LED	60W
RSAL150D/E/WH-2x35LED	70W
RSAL150D/E/WH-2x40LED	80W

Related Products



LED Multi-Recessed Downlight



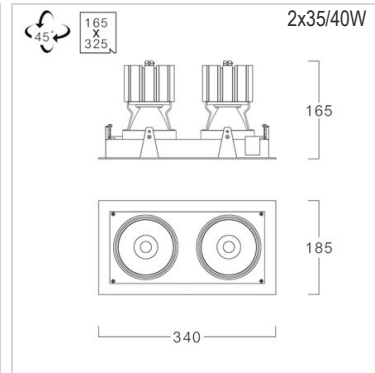
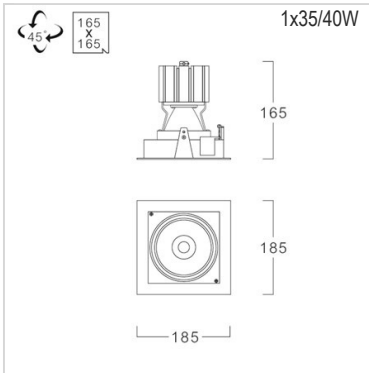
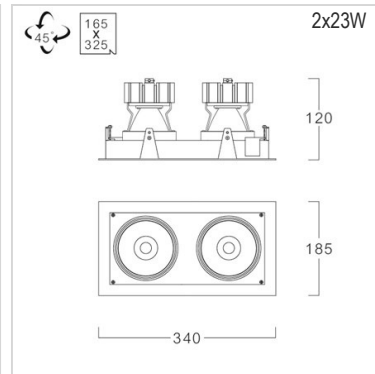
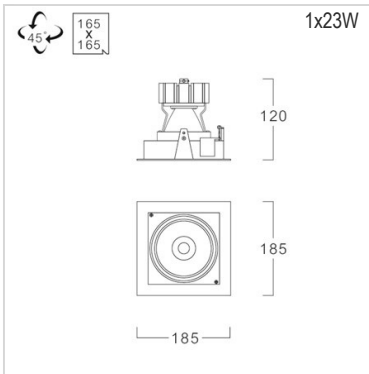
TIS RSAL166D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree



Ordering Data

Model	Watt
RSAL166D/E/WH-1x23LED	23W
RSAL166D/E/WH-1x30LED	30W
RSAL166D/E/WH-1x35LED	35W
RSAL166D/E/WH-1x40LED	40W
RSAL166D/E/WH-2x23LED	46W
RSAL166D/E/WH-2x30LED	60W
RSAL166D/E/WH-2x35LED	70W
RSAL166D/E/WH-2x40LED	80W

Related Products



LED IP Recessed Downlight



TIS RFM75

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/black
Diffuser	Frosted glass
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm

Control Gear

Separate magnetic or electronic transformer

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

II

IP Rating

44

LED Lifetime

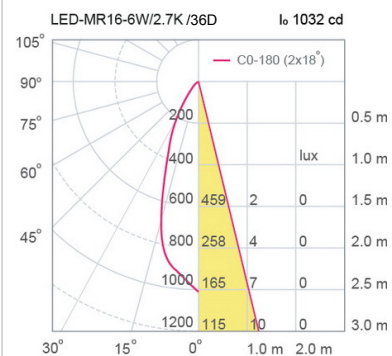
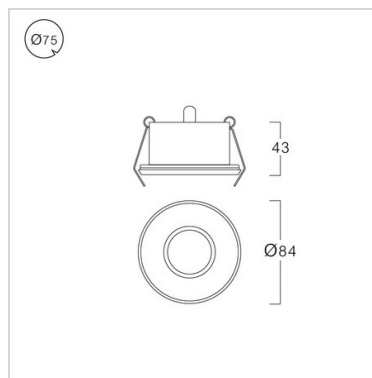
6W : 15,000 hrs.
7W : 25,000 hrs.

Equivalent

MR16 35 - 50W

Ordering Data

Model	Watt
RFM75/WH-XXLED-MR16	4-8W



TIS RFM80

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Diffuser	Frosted glass
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm

Control Gear

Separate magnetic or electronic transformer

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

II

IP Rating

44

LED Lifetime

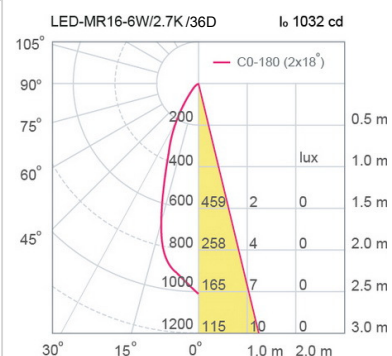
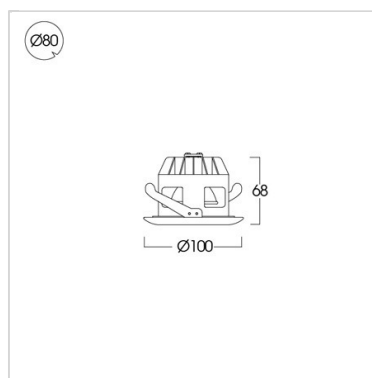
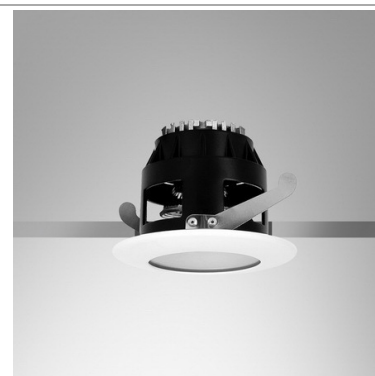
6W : 15,000 hrs.
7W : 25,000 hrs.

Equivalent

MR16 35 - 50W

Ordering Data

Model	Watt
RFM80/WH-XXLED-MR16	4-8W



LED IP Recessed Downlight



 TIS RSM76

Application

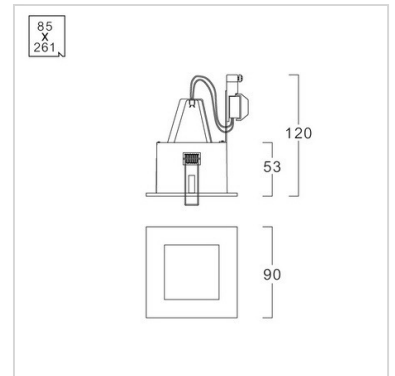
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

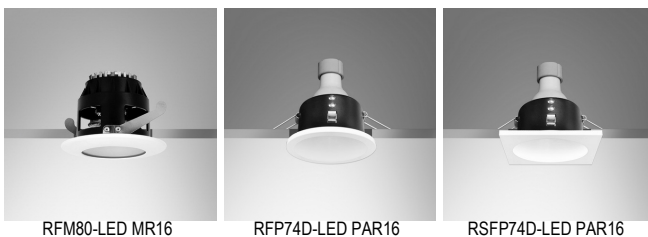
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Diffuser	Frosted glass
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RSM76/WH-XXLED-MR16	4-8W



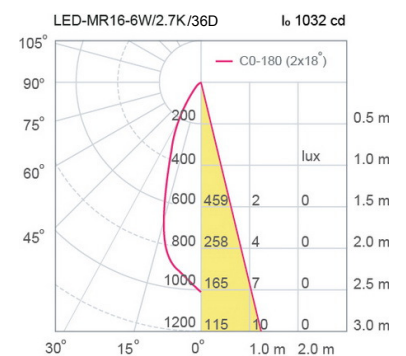
Related Products



RFM80-LED MR16

RFP74D-LED PAR16

RSFP74D-LED PAR16



LED IP Recessed Downlight



TIS RFP74D

Application

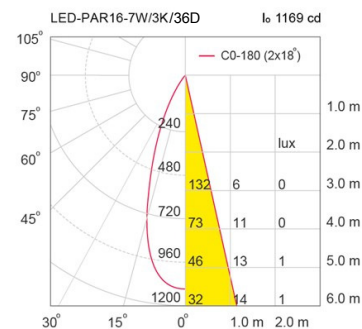
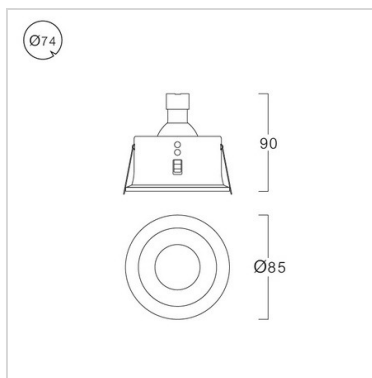
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Diffuser	Clear glass
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	44
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RFP74D/WH-XXLED-PAR16	4-7W



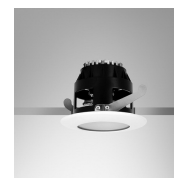
Related Products



RSFP74D-LED PAR16



RSM76-LED MR16



RFM80-LED MR16

TIS RSFP74D

Application

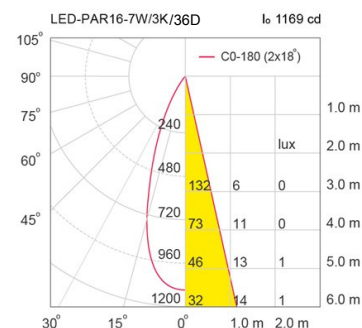
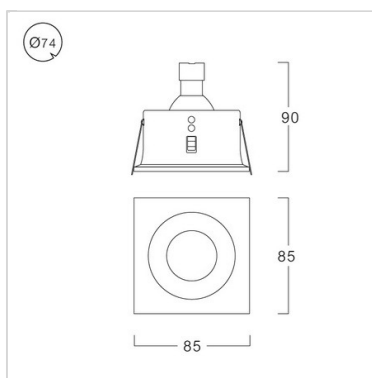
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	44
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RSFP74D/WH-XXLED-PAR16	4-7W



Related Products



RSM76-LED MR16



RFM80-LED MR16



RFP74D-LED PAR16

LED IP Recessed Downlight



TIS RFL811

Application

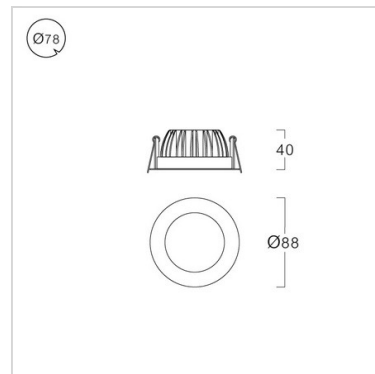
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL811/WH-10LED	10 W



Related Products



RAL811-10W



RAL811/PH-10W



RAL811/SL-10W

TIS RAL811

Application

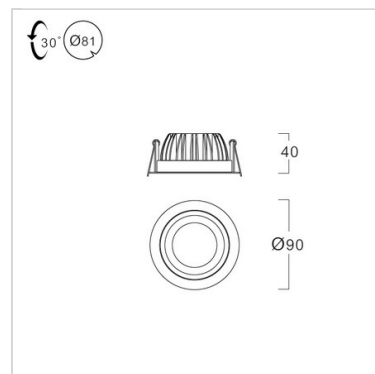
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/WH-10LED	10 W



Related Products



RFL811-10W



RAL811/PH-10W



RAL811/SL

LED IP Recessed Downlight



TIS RAL811/PH

Application

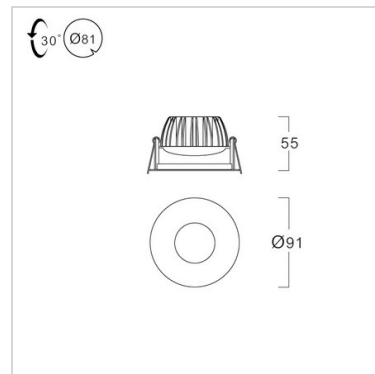
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/PH/WH-10LED	10 W



Related Products



RAL811/SL-10W



RAL811-10W



RAL811/D-10W

TIS RAL811/SL

Application

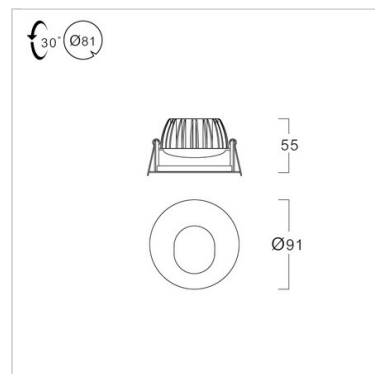
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/SL/WH-10LED	10W



Related Products



RAL811/PH-10W



RAS811/D-10W



RAL811/D-10W

LED IP Recessed Downlight



TIS RAL811/D

Application

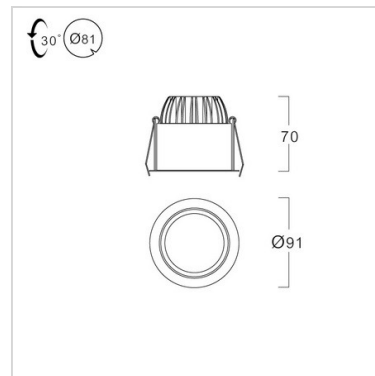
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/D/WH-10LED	10W



Related Products



RSL811/D-10W



RAL811/PH-10W



RAL811-10W

TIS RSL811/D

Application

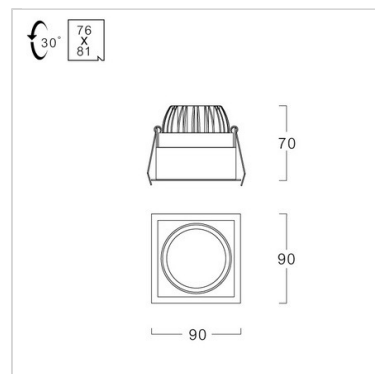
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSL811D/WH-10LED	10 W



Related Products



RAL811-10W



RAL811/PH-10W



RAL811/D -10W

LED IP Recessed Downlight

IRDL100

Application

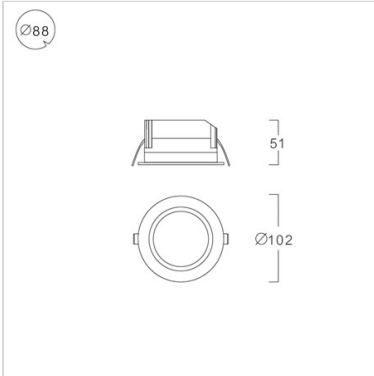
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	9W
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Luminaire Output	860 lm
Control Gear	Separate driver
Power Supply	220VAC 50Hz
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL100/WH-9LED	9W



IRDL130

Application

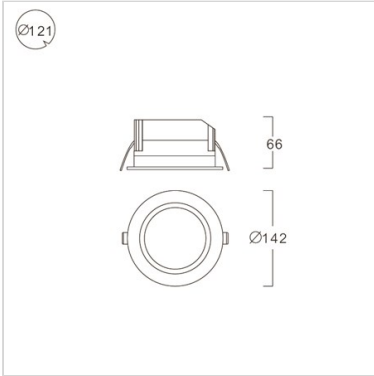
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	14/20W
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Luminaire Output	14W : 1400 lm 20W : 2000 lm
Control Gear	Separate driver
Power Supply	220VAC 50Hz
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL130/WH-14LED	14W
IRDL130/WH-20LED	20W



LED IP Recessed Downlight

IRDL170

Application

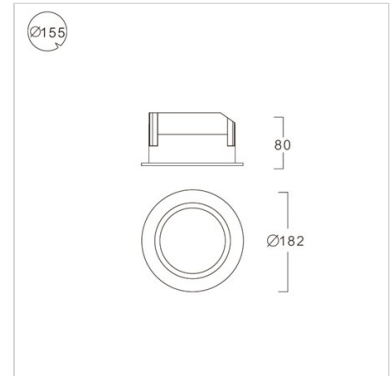
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	23/30W
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Luminaire Output	23W : 2300 lm 30W : 3000 lm
Control Gear	Separate driver
Power Supply	220VAC 50Hz
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL170/WH-23LED	23W
IRDL170/WH-30LED	30W



IRDL210

Application

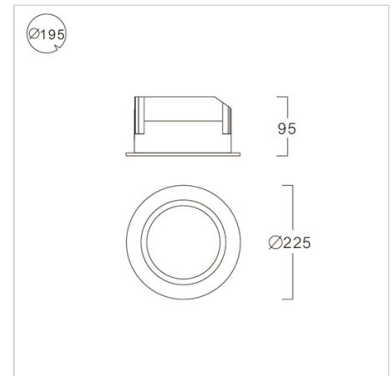
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	40/49W
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Luminaire Output	40W : 4400 lm 49W : 5390 lm
Control Gear	Separate driver
Power Supply	220VAC 50Hz
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL210/WH-40LED	40W
IRDL210/WH-49LED	49W



LED IP Recessed Downlight



IRDL126

Application

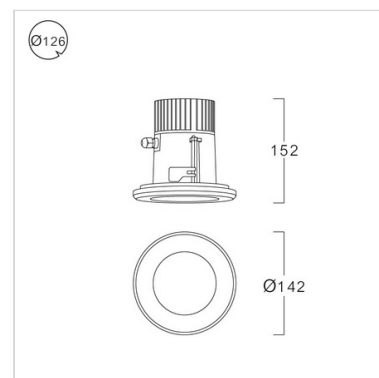
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	20/27W
Light Source	LED-COB
Colour Temperature	3000/4000K
Lamp Output	20W : 2200/2370/2575lm 27W : 2970/3199/3476lm
Luminaire Output	20W : 1442/1542/1658 lm * 27W : 1948/2084/2240 lm *
Beam Angle	20/40/80 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	35,000 hrs.
Equivalent	20W : MH 20W 27W : MH 35W
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
IRDL126/WH-20LED	20W
IRDL126/WH-27LED	27W



Related Products



IRDL155-30/40W

IRSDL126

Application

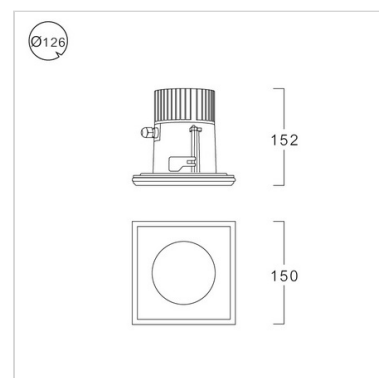
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	20/27W
Light Source	LED-COB
Colour Temperature	3000/4000K
Lamp Output	20W : 2200/2370/2575lm 27W : 2970/3199/3476lm
Luminaire Output	20W : 1442/1542/1658 lm * 27W : 1948/2084/2240 lm *
Beam Angle	20/40/80 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	35,000 hrs.
Equivalent	20W : MH 20W 27W : MH 35W
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
IRSDL126/WH-20LED	20W
IRSDL126/WH-27LED	27W



Related Products



IRSDL155-30/40W

LED IP Recessed Downlight

IRDL155

Application

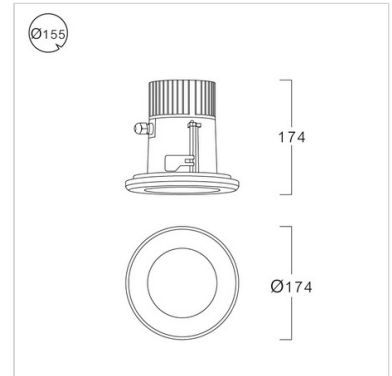
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	30/40W
Light Source	LED-COB
Colour Temperature	3000/4000K/5000K
Lamp Output	30W : 3500/3770/4015lm 40W : 4640/4964/5312lm
Luminaire Output	30W : 2592/2774/2968 lm * 40W : 3457/3698/3957 lm *
Beam Angle	20/40/80 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	35,000 hrs.
Equivalent	30W : MH 35W 40W : MH 70W
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
IRDL155/WH-30LED	30W
IRDL155/WH-40LED	40W



Related Products



IRDL126-20/27W

IRSDL155

Application

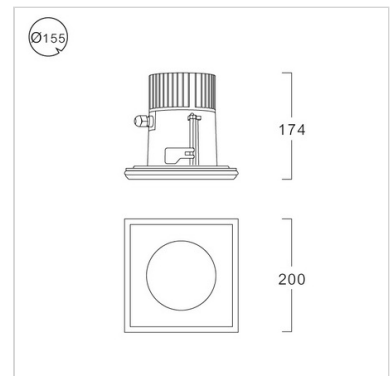
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed mounted
Power	30/40W
Light Source	LED-COB
Colour Temperature	3000/4000K
Lamp Output	30W : 3500/3770/4015lm 40W : 4640/4964/5312lm
Luminaire Output	30W : 2592/2774/2968 lm * 40W : 3457/3698/3957 lm *
Beam Angle	20/40/80 degree
Control Gear	Separate driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	35,000 hrs.
Equivalent	30W : MH 35W 40W : MH 70W
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
IRSDL155/WH-30LED	30W
IRSDL155/WH-40LED	40W



Related Products



IRSDL126-20/27W

LED Surface Downlight



TIS **SAP97**

Application

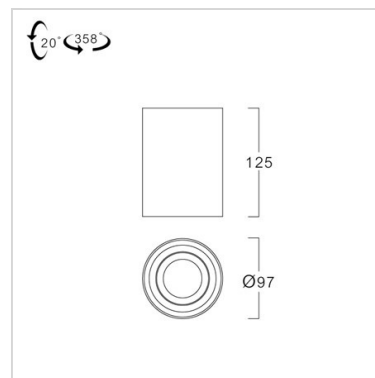
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

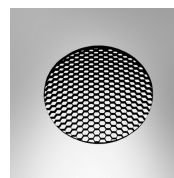
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-7W (1 lamp) 2x7-14W (2 lamps)
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

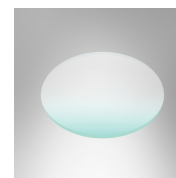
Model	Watt
SAP97/BK-XXLED-PAR16	4-7W
SAP97/WH-XXLED-PAR16	4-7W



Related Products



Honey comb



Filter



SFP85-XXLED PAR16

TIS **SAM97**

Application

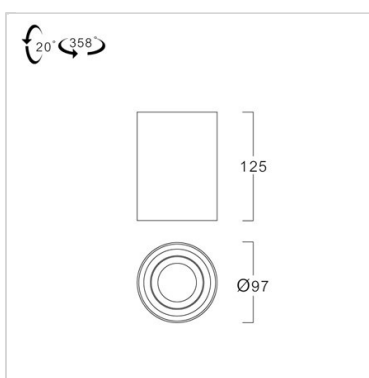
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

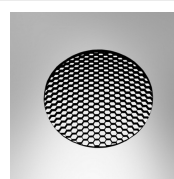
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-8W (1 lamp) 2x8-16W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700 - 4000K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs
Equivalent	MR16 35 - 50W

Ordering Data

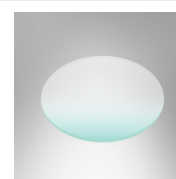
Model	Watt
SAM97/WH-1xXXLED MR16	4-8W
SAM97/WH-2xXXLED MR16	8-16W



Related Products



Honey comb



Filter



SSAM97-1xXXLED
MR16

LED Surface Downlight



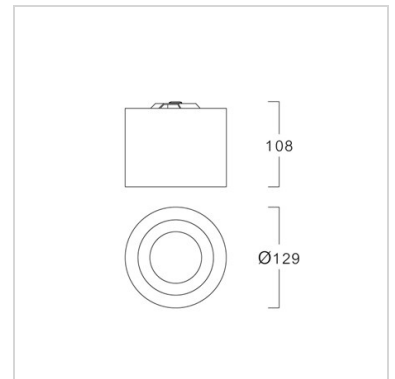
 TIS ESDL100

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	Surface
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 973/1051/1118 lm 14W : 1363/1472/1594 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : CFL 18W 14W : CFL 26W



Related Products



ESDL150-14/20W



ESDL200-20/23/27W

LED Surface Downlight



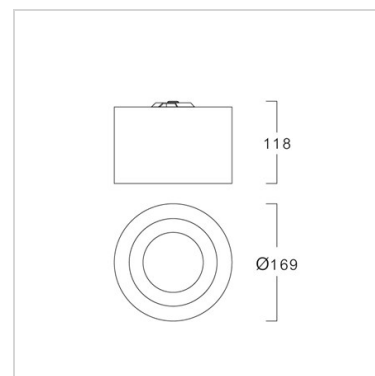
 TIS ESDL150

Application

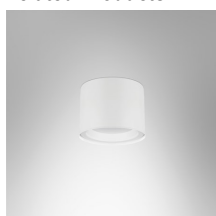
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	Surface
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1870/2015/2190lm 20W : 2200/2370/2575lm
Luminaire Output	14W : 1584/1710/1853 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : CFL 32W 20W : CFL 2x18W



Related Products



ESDL100-10/14W



ESDL200-20/23/27W

LED Surface Downlight



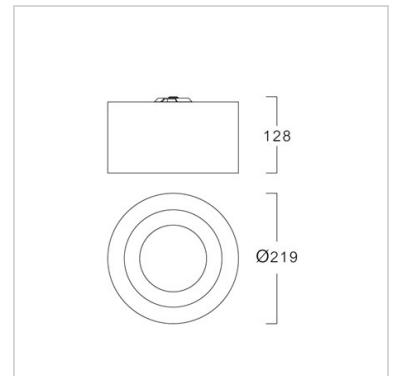
 TIS ESDL200

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	surface
Power	20/23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	20W : 1826/1967/2137 lm 23W : 2198/2373/2571 lm 27W : 2462/2658//2880 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	20W : CFL 2x18W 23W:CFL 2x26W 27W:CFL 2x32W



Related Products



ESDL100-10/14W



ESDL150-14/20W

LED Surface Downlight



TIS **SAL97**

Application

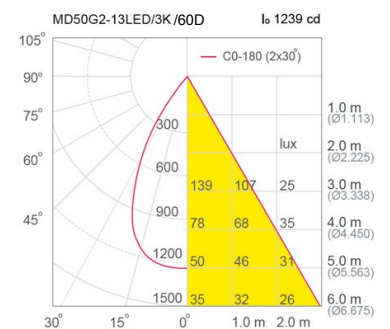
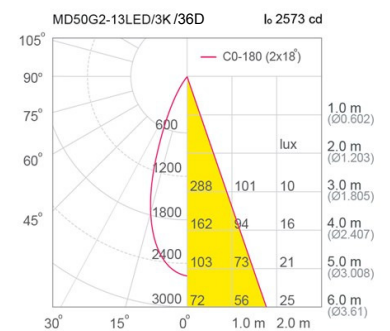
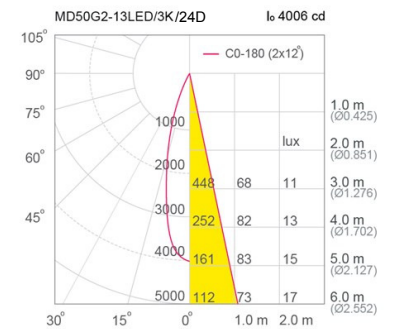
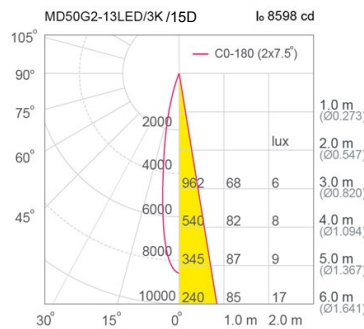
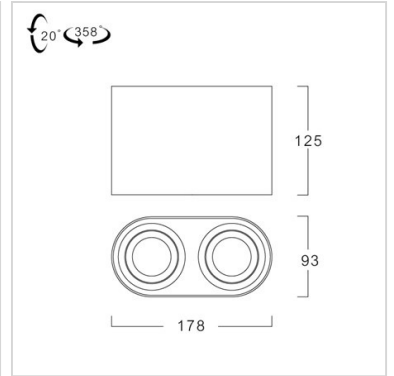
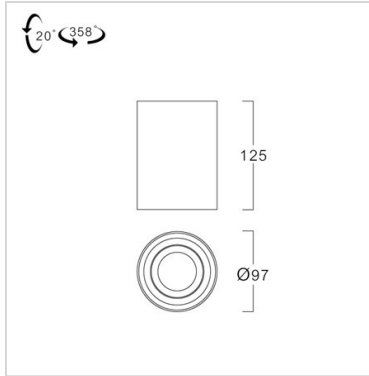
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

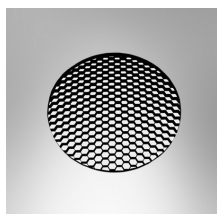
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 13W 2 lamps : 26W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

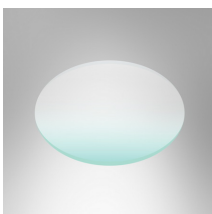
Model	Watt
SAL97/WH-1x13LED	13W
SAL97/WH-2x13LED	26W



Related Products



Honey comb



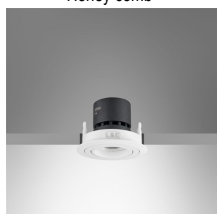
Filter



SSAL97-1x13W



SSAL97-2x13W



RAL83-13W



RAL75-13W



RAL80-13W



RFL83-13W

LED Surface Downlight



TIS SAL102

Application

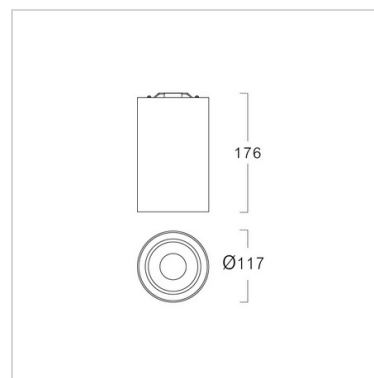
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm **
Beam Angle	14W : 15 Degree 20W : 26/36/45/55 Degree
UGR	<19
Control Gear	Built-In Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
SAL102/MI/WH-14LED	14W
SAL102/MI/WH-20LED	20W



Related Products



LED Surface Downlight



Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

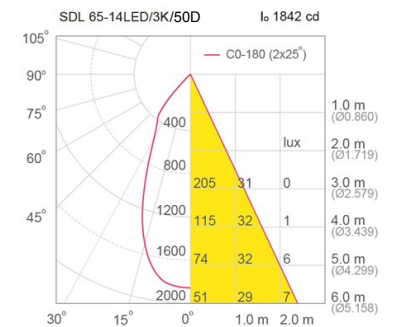
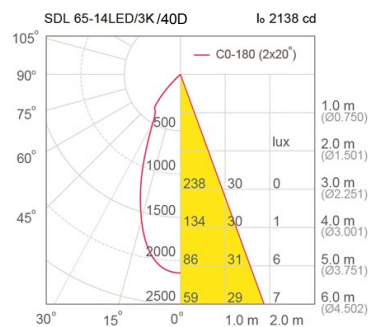
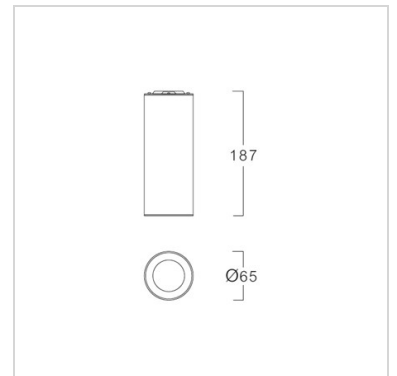
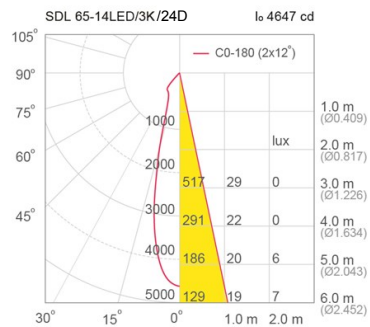
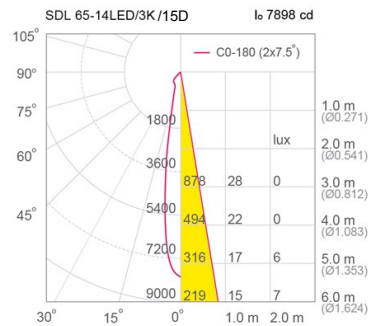
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1544 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W

Remarks

* Value at 24 Degree

Ordering Data

Model	Watt
SDL65/WH-8LED	8W
SDL65/WH-14LED	14W



Related Products



LED Surface Downlight



Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

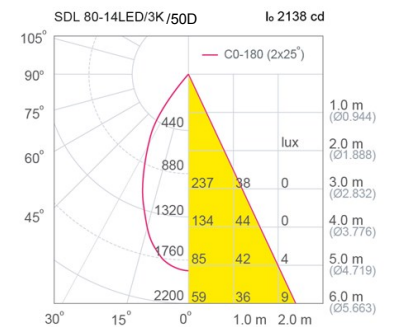
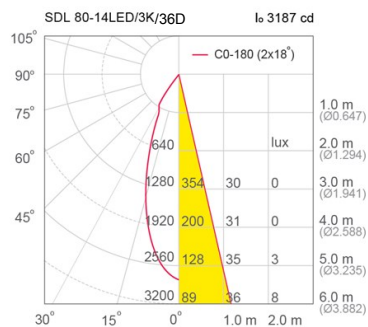
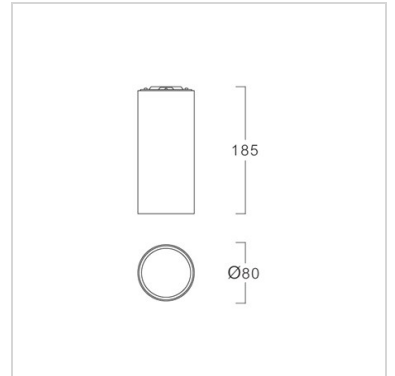
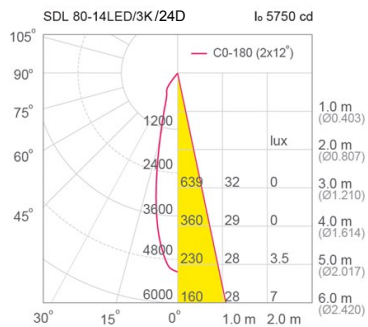
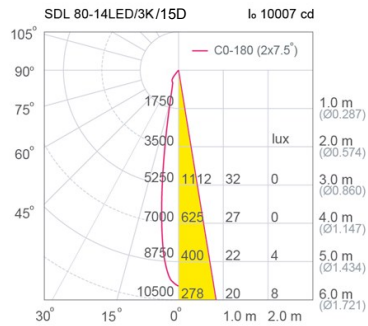
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1355/1464/1586 lm * 20W : 1769/1911/2070 lm * 23W : 2013/2174/2355 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Remarks

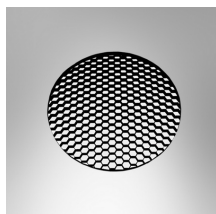
* Value at 24 degree

Ordering Data

Model	Watt
SDL80/WH-14LED	14W
SDL80/WH-20LED	20W
SDL80/WH-23LED	23W



Related Products



Honey comb



SDL65-8/14W



SDL110-20/23/30W



PDL80-14/20/23W



TRL80-14/20/23W



SAL80-14/20/23W

LED Surface Downlight



TIS SDL110

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

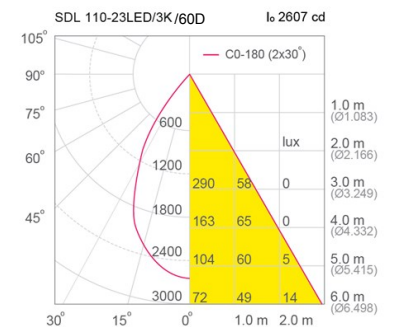
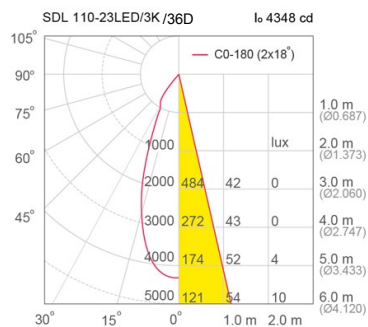
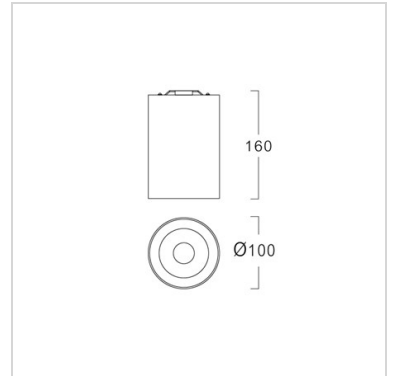
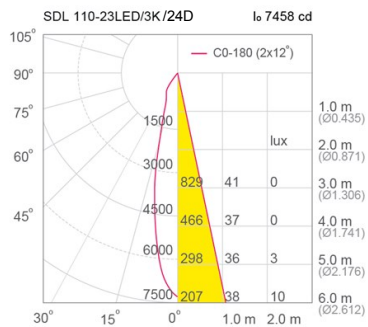
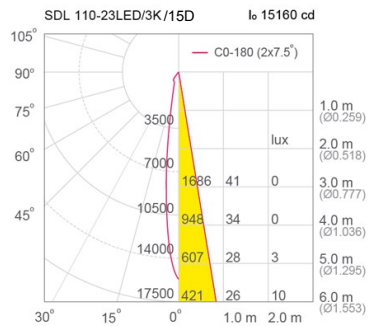
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	20/23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	20W : 1805/1950/2112 lm * 23W : 2070/2236/2422 lm * 27W : 2320/2505/2668 lm *
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 27W : MH 70W

Remarks

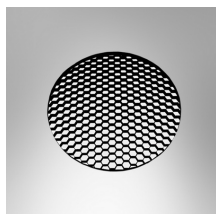
* Value at 24 degree

Ordering Data

Model	Watt
SDL110/WH-20LED	20W
SDL110/WH-23LED	23W
SDL110/WH-27LED	27W



Related Products



Honey comb



SDL65-8/14W



SDL80-14/20/23W



PDL110-20/23/30W



TRL110-20/23/30W



SAL110-20/23/30W

LED Surface Downlight



 TIS **SDL91**

Application

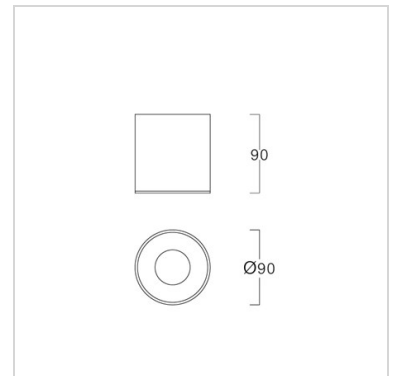
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm
Luminaire Output	10W : 764/825/894 lm
Beam Angle	65 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : PAR30 50W

Ordering Data

Model	Watt
SDL91/WH-10LED	10W



Related Products



SDL111-14/20W



SDL131-14/20/23W



SDL169-30/35/40W



SDL193-44/49W



SSDL91-10W



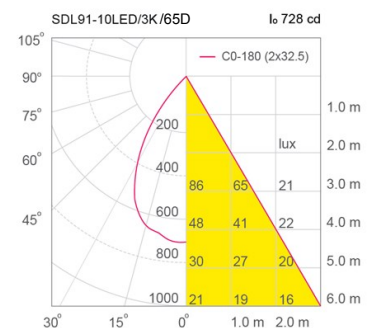
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Downlight



TIS **SDL111**

Application

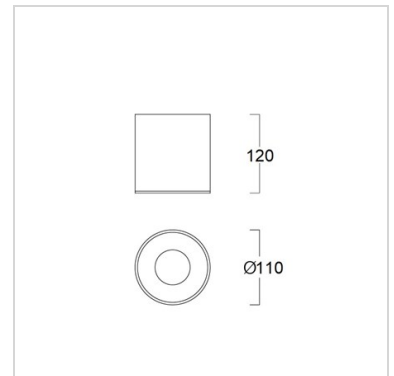
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1489/1608/1742 lm 20W : 2024/2186/2368 lm
Beam Angle	65 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : 2200/2370/2575 lm

Ordering Data

Model	Watt
SDL111/WH-14LED	14W
SDL111/WH-20LED	20W



Related Products



SDL91-10W



SDL131-14/20/23W



SDL169-30/35/40W



SDL193-44/49W



SSDL91-10W



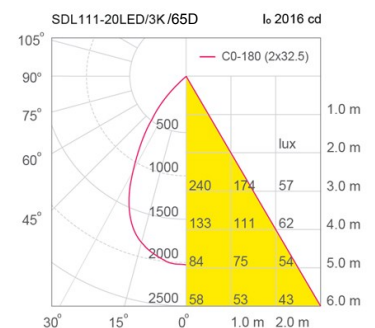
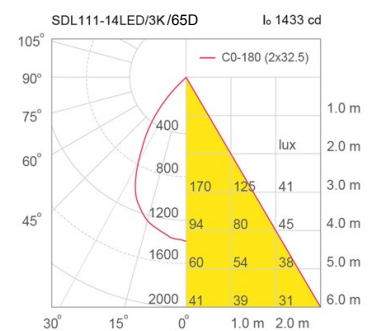
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Downlight



TIS SDL131

Application

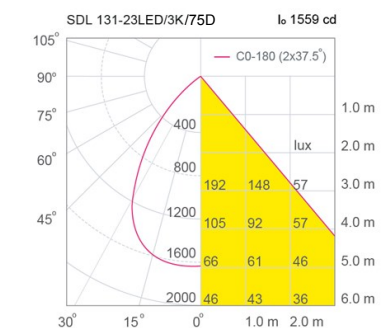
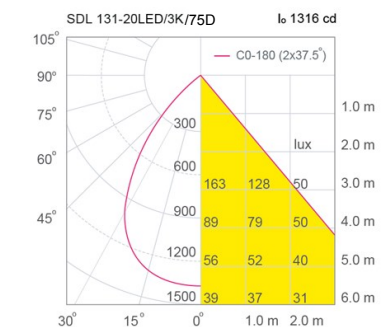
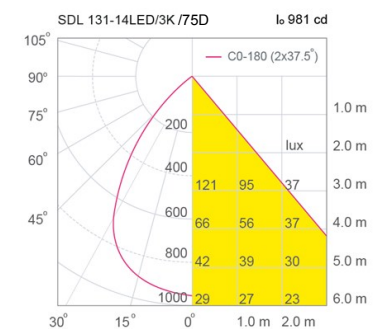
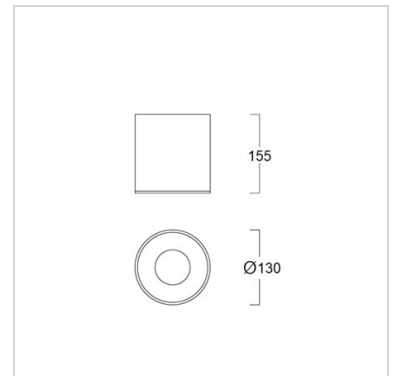
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1304/1408/1526 lm 20W : 1751/1891/2049 lm 23W : 2009/2170/2351 lm
Beam Angle	75 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
SDL131/WH-14LED	14W
SDL131/WH-20LED	20W
SDL131/WH-23LED	23W



Related Products



SDL91-10W



SDL111-14/20W



SDL169-30/35/40W



SDL193-44/49W



SSDL91-10W



SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W

LED Surface Downlight



TIS **SDL169**

Application

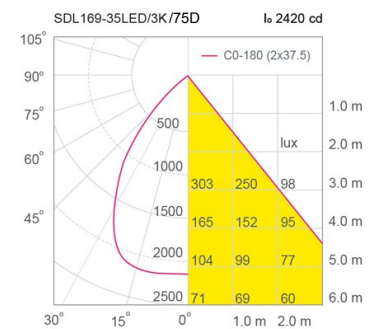
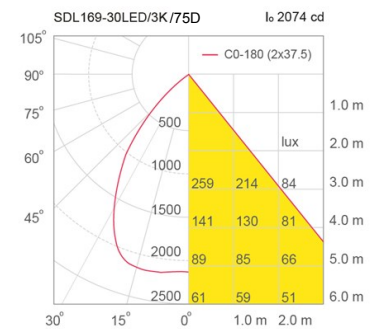
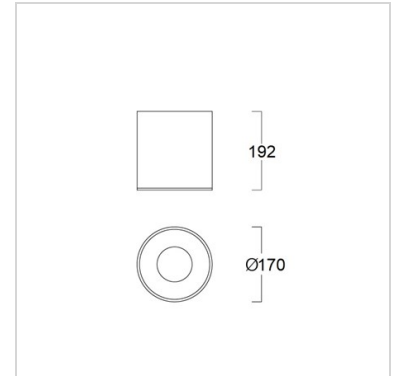
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	30W : 3004/3244/3515 lm 35W : 3230/3488/3779 lm 40W : 3662/3955/4285 lm
Beam Angle	75 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W

Ordering Data

Model	Watt
SDL169/WH-30LED	30W
SDL169/WH-35LED	35W
SDL169/WH-40LED	40W



Related Products



SDL91-10W



SDL111-14/20W



SDL131-14/20/23W



SDL193-44/49W



SSDL91-10LED



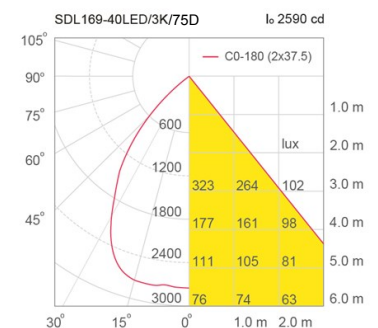
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Downlight



TIS SDL193

Application

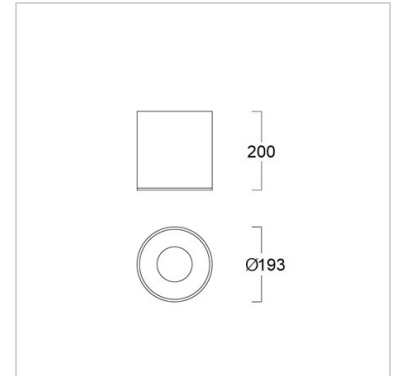
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	44/49W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	44W : 5110/5470/5830 lm 49W : 5555/5945/6335 lm
Luminaire Output	44W : 3769/4071/4410 lm 49W : 3977/4295/4653 lm
Beam Angle	75 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	44W : MH 150W 49W : MH 150W

Ordering Data

Model	Watt
SDL193/WH-44LED	44W
SDL193/WH-49LED	49W



Related Products



SDL91-10W



SDL111-14/20W



SDL131-14/20/23W



SDL169-30/35/40W



SSDL91-10W



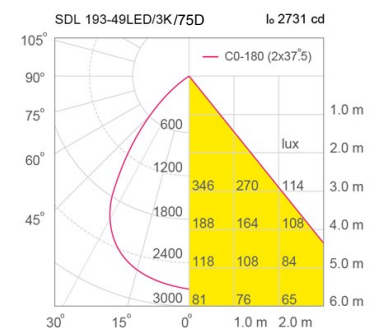
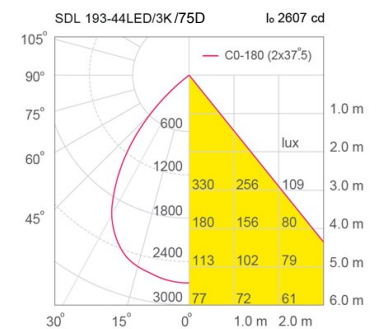
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Downlight



TIS SAL115E

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Mounting	Surface
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm

Luminaire Output

14W :	1342/1449/1570 lm*
20W :	1854/2002/2169 lm*
23W :	2135/2305/2497 lm*
30W :	2914/3147/3351 lm*

Beam Angle

15/24/36/60 Degree

UGR

<19

Control Gear

Built-in driver

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

40,000 hrs

Equivalent

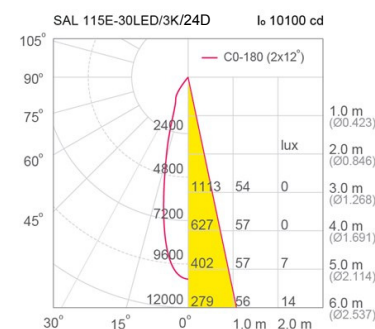
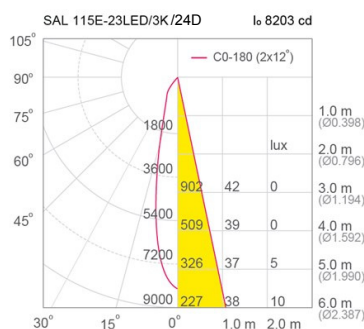
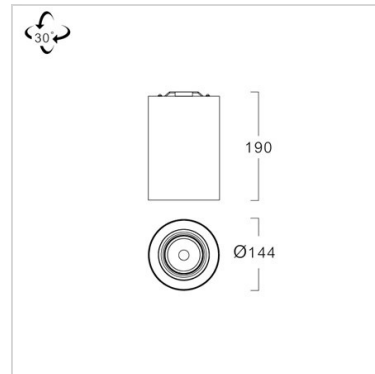
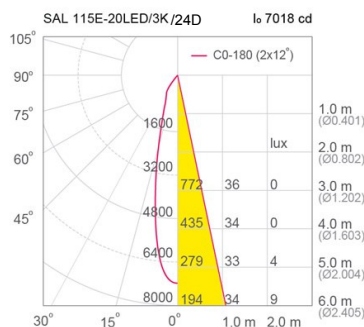
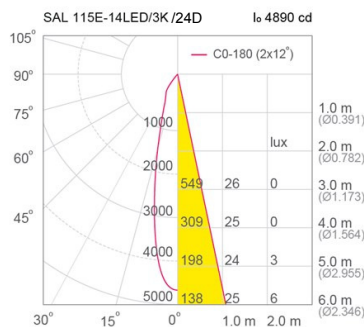
14W :	PAR30 75W
20W :	MH 20W
23W :	MH 35W
30W :	MH 70W

Remarks

*Value at 24 Degree

Ordering Data

Model	Watt
SAL115E/WH-14LED/3K/15D	14W
SAL115E/WH-20LED/3K/15D	20W
SAL115E/WH-23LED/3K/15D	23W
SAL115E/WH-30LED/3K/15D	30W



Related Products



LED Surface Downlight



TIS SAL150E

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Surface
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm

Luminaire Output

23W : 2204/2380/2579 lm*
30W : 3110/3359/3577 lm*
35W : 3403/3675/3913 lm*
40W : 3919/4193/4428 lm*

Beam Angle

14/24/36/45/60 Degree

UGR

<19

Control Gear

Built-in driver

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

40,000 hrs

Equivalent

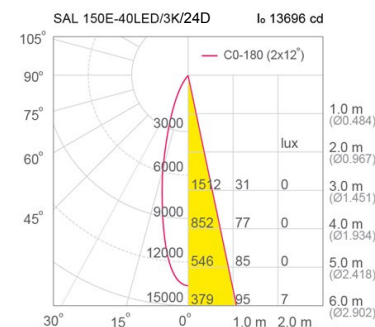
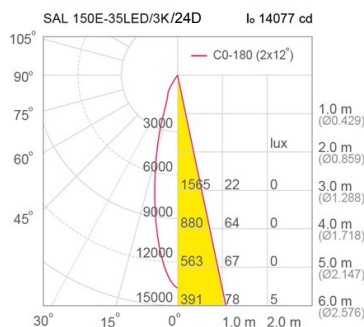
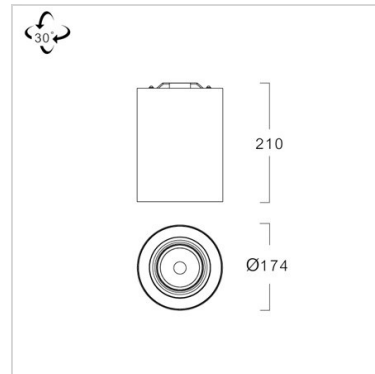
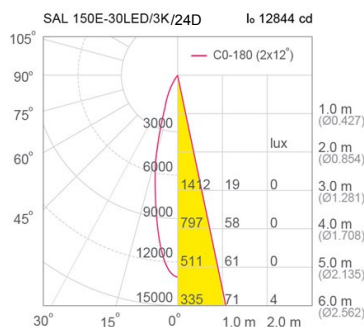
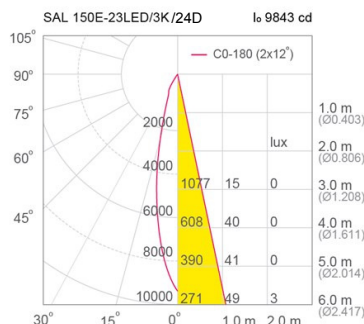
23W : MH 35W
30W : MH 70W
35W : MH 100W
40W : MH 100W

Remarks

*Value at 24 Degree

Ordering Data

Model	Watt
SAL150E/WH-23LED	23W
SAL150E/WH-30LED	30W
SAL150E/WH-35LED	35W
SAL150E/WH-40LED	40W



Related Products



LED Surface Square/Multi Downlight



TIS SSAP97

Application

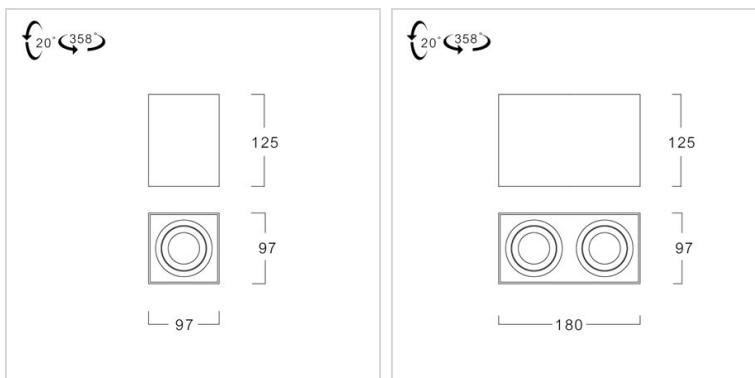
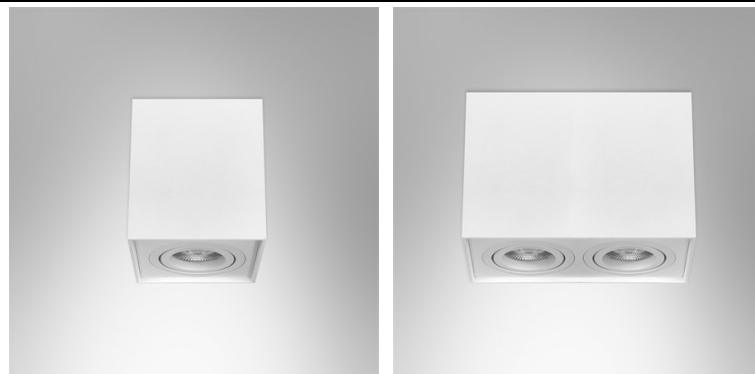
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

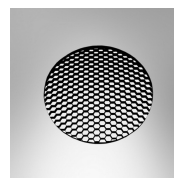
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-7W (1 lamp) 2x4-7W (2 lamps)
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

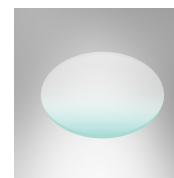
Model	Watt
SSAP97/WH-1xXXLED PAR16	4-7W
SSAP97/WH-2xXXLED-PAR16	8-14W



Related Products



Honey comb



Filter



SAP97-XXLED PAR16

TIS SSAM97

Application

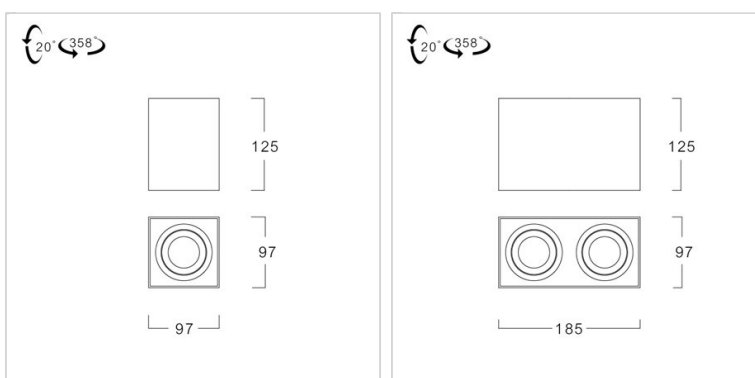
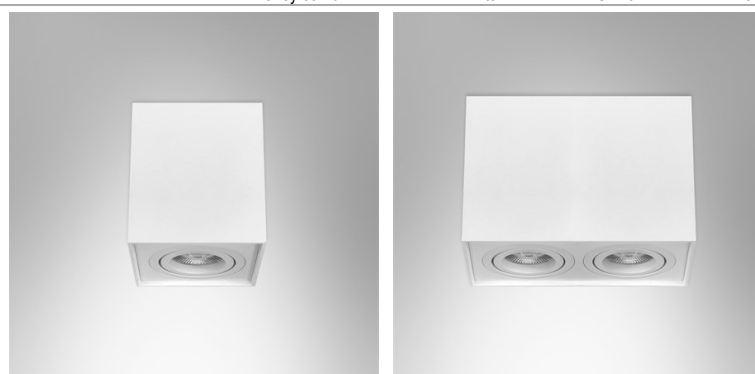
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

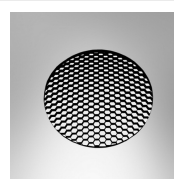
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-8W (1 lamp) 2x8-16W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700 - 4000K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs
Equivalent	MR16 35 - 50W

Ordering Data

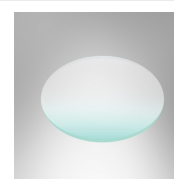
Model	Watt
SSAM97/WH-1xXXLED MR16	4-8W
SSAM97/WH-2xXXLED MR16	8-16W



Related Products



Honey comb



Filter



SAM97-XXLED MR16

LED Surface Square/Multi Downlight



SSAL102

Application

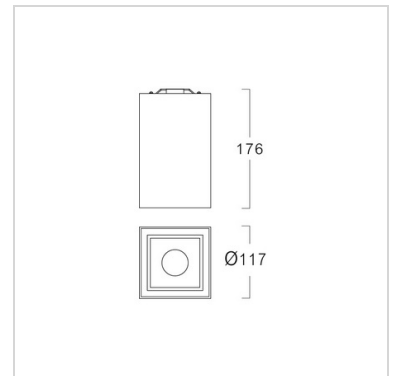
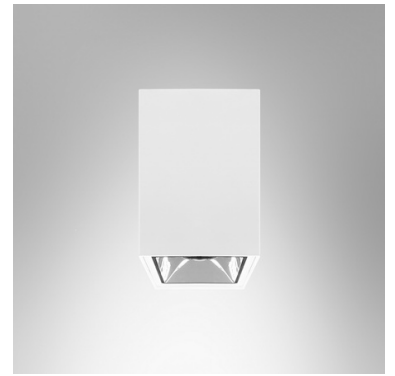
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

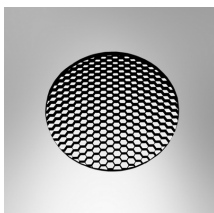
Housing	Die-cast and extruded aluminium
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm **
Beam Angle	14W : 15 Degree 20W : 26/36/45/55 Degree
UGR	<19
Control Gear	Built-In Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
SSAL102/MI/WH-14LED	14W
SSAL102/MI/WH-20LED	20W



Related Products



Honey Comb



SAL102-14/20W



PAL102-14/20W



PSAL102-14/20W

LED Surface Square/Multi Downlight



 TIS **SSDL91**

Application

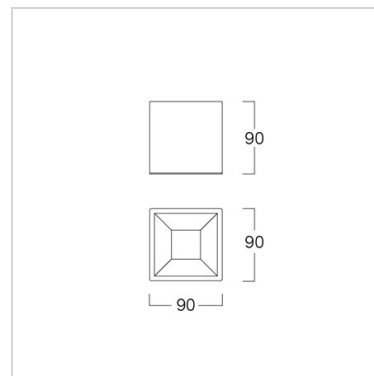
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm
Luminaire Output	10W : 926/1000/1083 lm
Beam Angle	55 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : PAR30 50W

Ordering Data

Model	Watt
SSDL91/WH-10LED	10W



Related Products



SDL91-10W



SDL111-14/20W



SDL131-14/20/23W



SDL169-130/35/40W



SDL193-44/49W



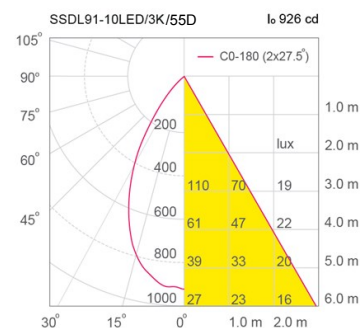
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Square/Multi Downlight



TIS SSDL111

Application

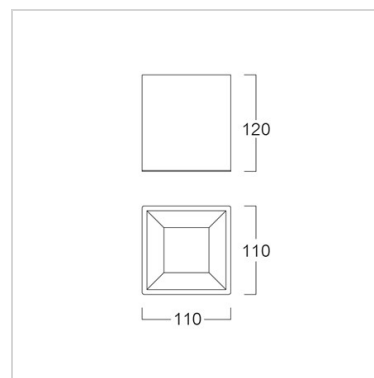
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1489/1608/1742 lm 20W : 2024/2186/2368 lm
Beam Angle	55 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W

Ordering Data

Model	Watt
SSDL111/WH-14LED	14W
SSDL111/WH-20LED	20W



Related Products



SDL91-10W



SSDL111-14/20W



SDL131-14/20/23W



SDL169-30/35/40W



SSDL193-44/49W



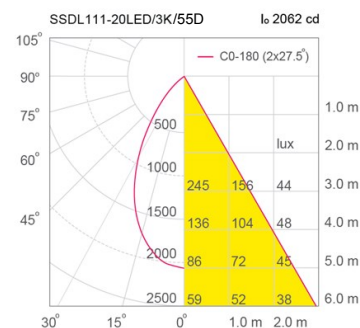
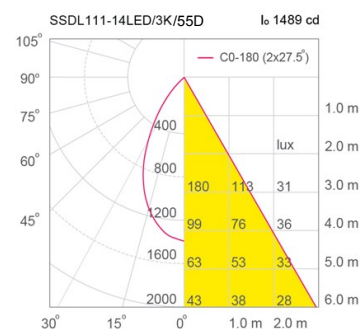
SSDL91-10W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Square/Multi Downlight



TIS SSDL131

Application

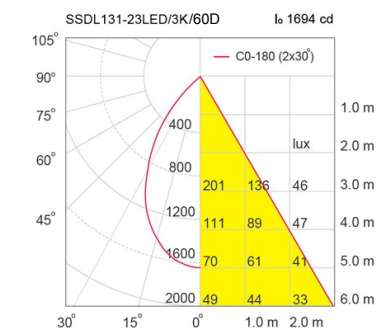
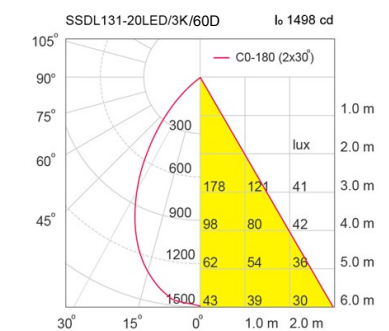
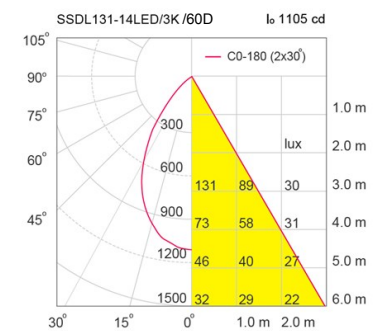
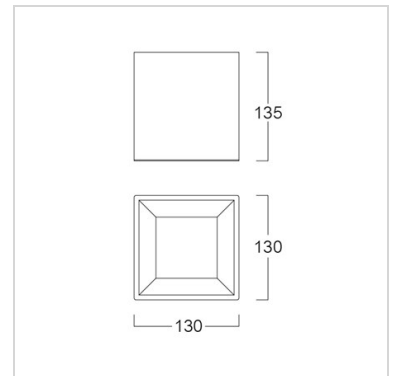
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1300/1404/1521 lm 20W : 1762/1903/2062 lm 23W : 1985/2144/2322 lm
Beam Angle	60 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
SSDL131/WH-14LED	14W
SSDL131/WH-20LED	20W
SSDL131/WH-23LED	23W



Related Products



SDL91-10W



SDL111-14/20W



SDL131-14/20/23W



SDL169-30/35/40W



SDL193-44/49W



SSDL91-10W



SSDL111-14/20W



SSDL161-30/35/40/44/49W

LED Surface Square/Multi Downlight



SSDL161

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

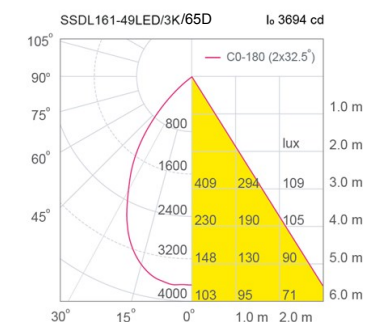
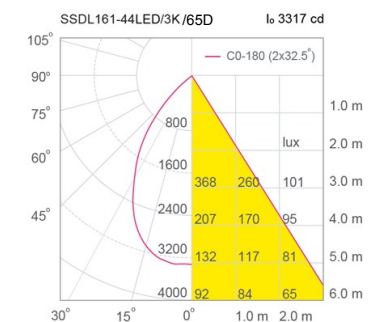
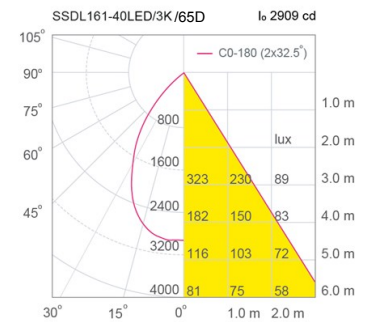
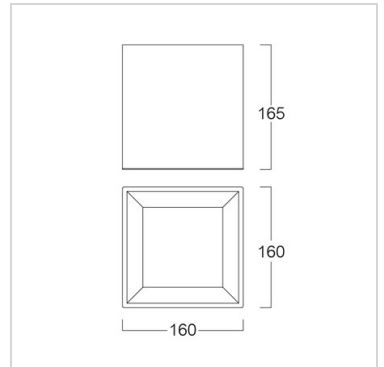
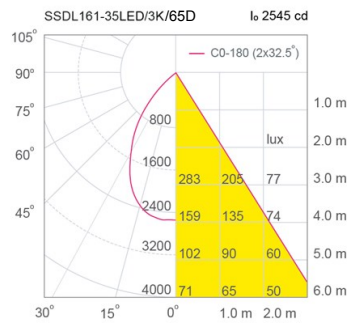
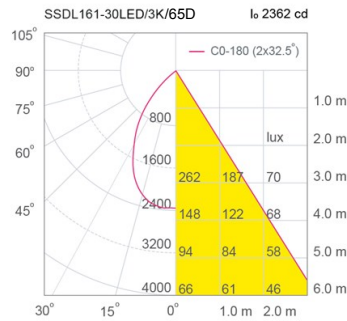
Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	30/35/40/44/49W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm 44W : 5110/5470/5830 lm 49W : 5555/5945/6335 lm
Luminaire Output	30W : 3006/3246/3457 lm 35W : 3246/3506/3733 lm 40W : 3697/3956/4178 lm 44W : 4200/4494/4788 lm 49W : 4678/5005/5333 lm
Beam Angle	65 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W 44W : MH 150W 49W : MH 150W

Ordering Data

Model	Watt
SSDL161/WH-30LED	30W
SSDL161/WH-35LED	35W
SSDL161/WH-40LED	40W
SSDL161/WH-44LED	44W
SSDL161/WH-49LED	49W

Related Products



LED Surface Square/Multi Downlight



TIS SSAL115E

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SSAL115E/WH-1x14LED	14W
SSAL115E/WH-1x20LED	20W
SSAL115E/WH-1x23LED	23W
SSAL115E/WH-2x14LED	28W
SSAL115E/WH-1x30LED	30W
SSAL115E/WH-2x20LED	40W
SSAL115E/WH-2x23LED	46W
SSAL115E/WH-2x30LED	60W

Related Products



Honey comb

Hood

SAL115E-14/20/23/30W

SAL150E-23/30/35/40W

RFL87D/E-14/20/23/30W

RFL100D/E-14/20/23/30W

RAL107E-14/20/23/30W

RAL107D/E-14/20/23/30W

LED Surface Square/Multi Downlight



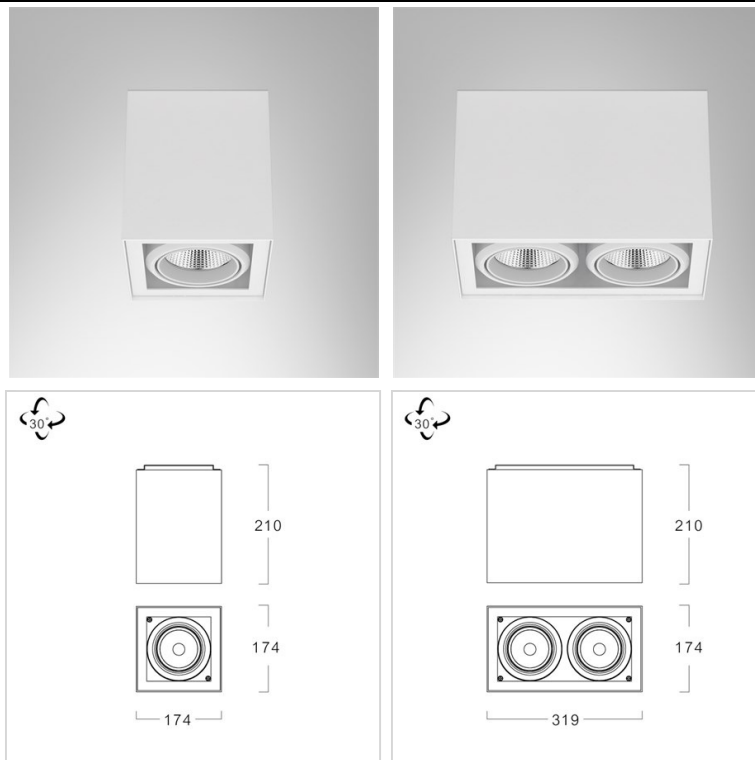
TIS SSAL150E

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Surface
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree



Ordering Data

Model	Watt
SSAL 150E/WH-1x23LED	23W
SSAL 150E/WH-1x30LED	30W
SSAL 150E/WH-1x35LED	35W
SSAL 150E/WH-1x40LED	40W
SSAL 150E/WH-2x23LED	46W
SSAL 150E/WH-2x30LED	60W
SSAL 150E/WH-2x35LED	70W
SSAL 150E/WH-2x40LED	80W

Related Products



LED Surface Square/Multi Downlight



SSDL240

Application

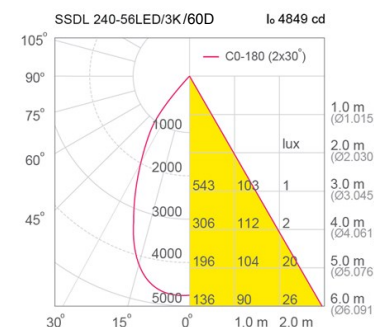
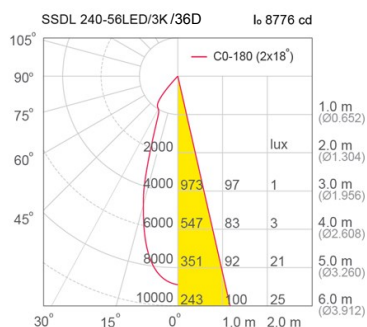
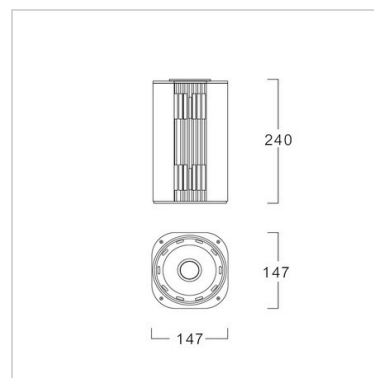
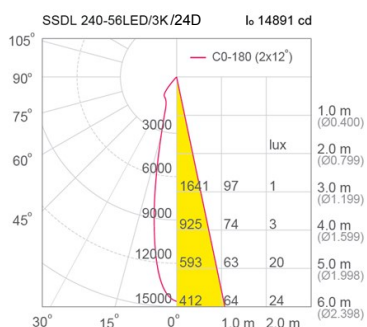
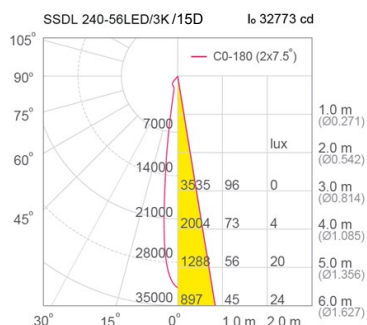
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface/Pendant
Power	56W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	6220/6660/7095 lm
Luminaire Output	4341/4645/4949 lm *
Beam Angle	15/24/36/60 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs
Equivalent	56W : MH 100W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
SSDL240/WH-56LED	56W



Related Products



SSDL292-70W

LED Surface Square/Multi Downlight



SSDL292

Application

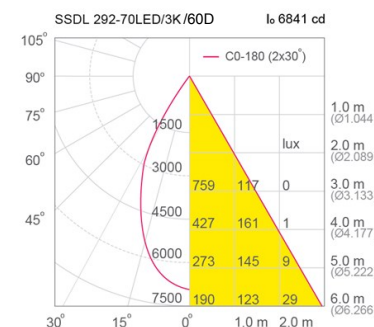
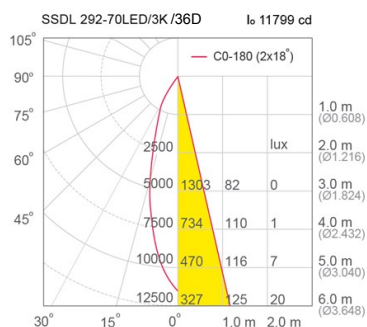
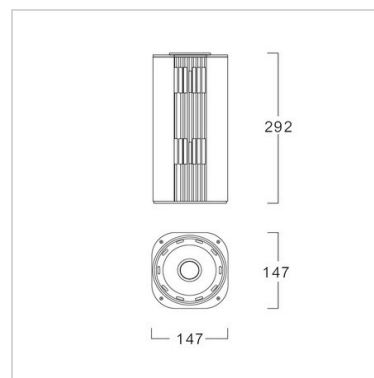
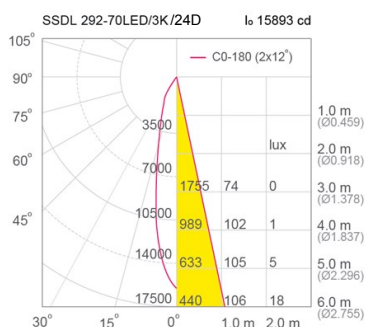
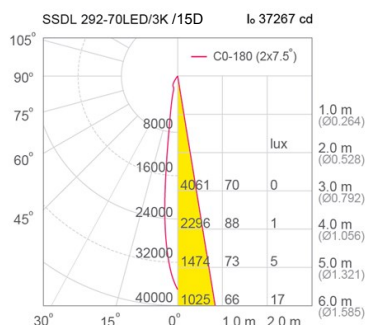
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface/Pendant
Power	70W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	7550/8085/8615 lm
Luminaire Output	4920/5264/5609 lm *
Beam Angle	15/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs
Equivalent	70W : MH 150W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
SSDL292/WH-70LED	70W



Related Products



SSDL240-56W

LED IP Surface Downlight



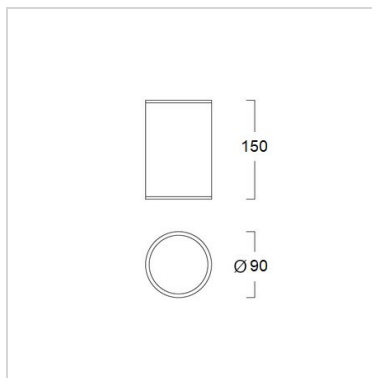
TIS ISDP90

Application

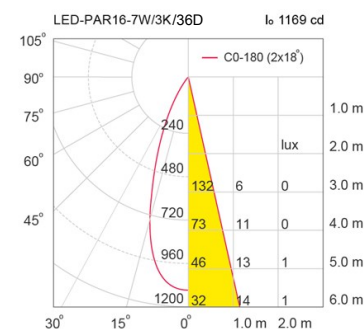
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Dimension	Dia. 90x150 mm.
Mounting	Ceiling
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700-6500K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	65
Luminaire Lifetime	15,000 -50,000hrs.
Equivalent	PAR16 35 - 50W
Remarks	Install on ceiling only



Related Products



Ordering Data

Model	Watt
ISDP90/BK-GU10	4-7W
ISDP90/WH-GU10	4-7W

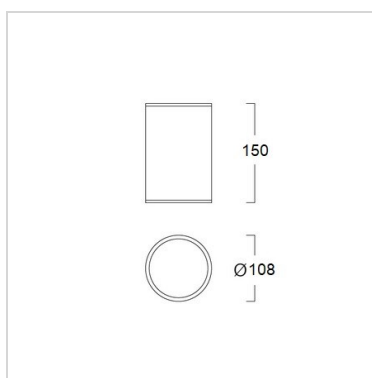
TIS ISDP108

Application

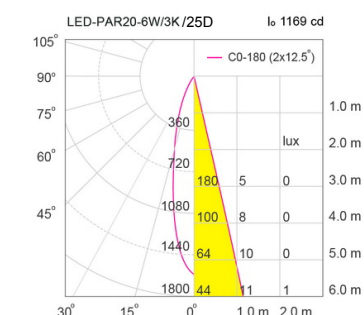
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Ceiling
Power	4-7W
Light Source	LED-PAR20 LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	6W : 3000K : 600 lm : LED-PAR20 7W : 3000/6500K : 600 lm : LED-BULB
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	55
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W CFL 8-14W
Remarks	Install on ceiling only



Related Products



Ordering Data

Model	Watt
ISDP108/BK-E27	4-7W
ISDP108/WH-E27	4-7W



ISDP108-XXLED-E27

ISDP145-XXLED-E27



ISDP90-XXLED-GU10

ISDP145-XXLED-E27

LED IP Surface Downlight



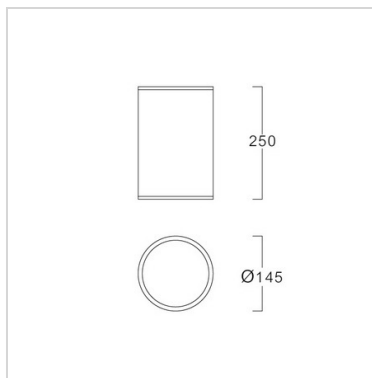
TIS ISDP145

Application

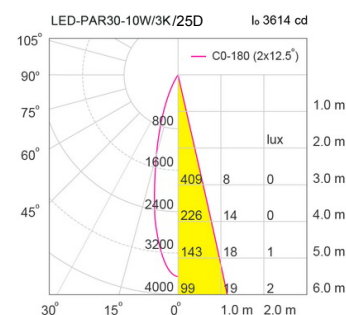
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Ceiling
Power	7-10W
Light Source	LED-PAR30 LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	10W : 3000K : 1000 lm : LED-PAR30 9.5W : 3000/6500K : 800 lm : LED-BULB
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	55
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W
Remarks	Install on ceiling only



Related Products



Ordering Data

Model	Watt
ISDP145/WH-XXLED-E27	7-10W



ISDP90-XXLED-GU10

ISDP108-XXLED-E27

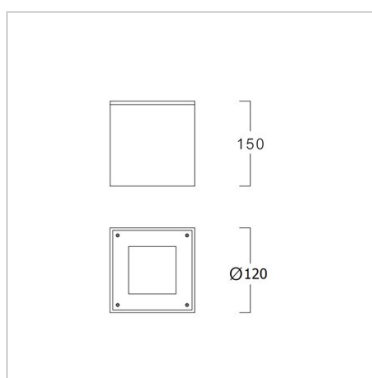
TIS ISSP120

Application

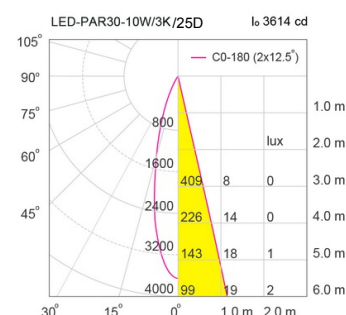
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Surface
Power	7-10W
Light Source	LED-PAR30 LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	10W : 3000K : 1000 lm : LED-PAR30 9.5W : 3000/6500K : 800 lm : LED-BULB
Power Supply	220VAC 50Hz
IP Rating	55
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W



Related Products



Ordering Data

Model	Watt
ISSP120/BK-E27	-
ISSP120/WH-E27	-



LED-PAR30

LED-BULB

LED IP Surface Downlight



ISDL1215

Application

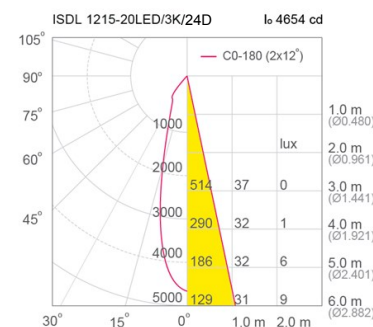
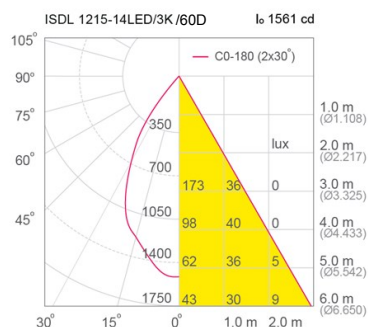
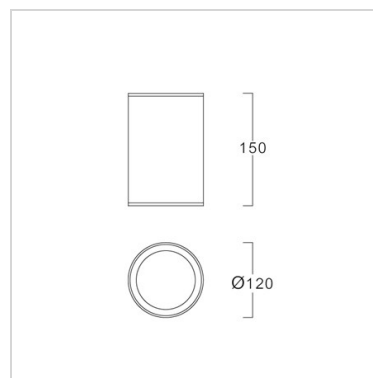
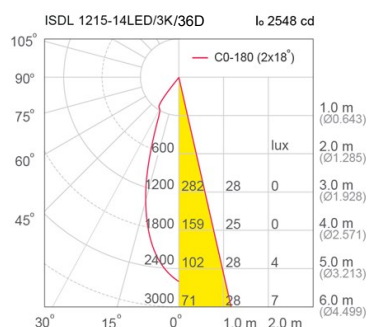
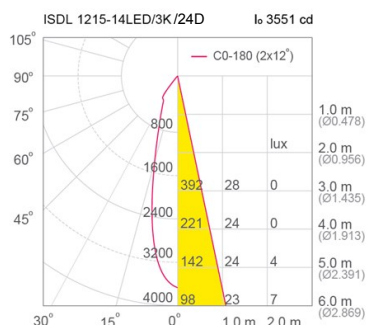
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white
Mounting	Ceiling
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1305/1409/1527 lm * 20W : 1704/1840/1994 lm *
Beam Angle	24/36/60 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	20W : PAR30 75W 20W : MH 20W
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

Model	Watt
ISDL1215/WH-14LED	14W
ISDL1215/WH-20LED	20W



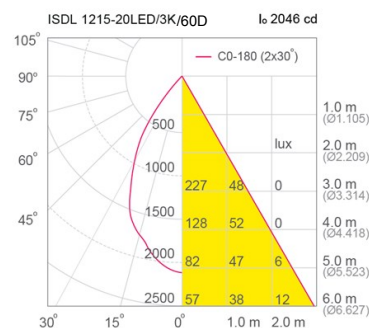
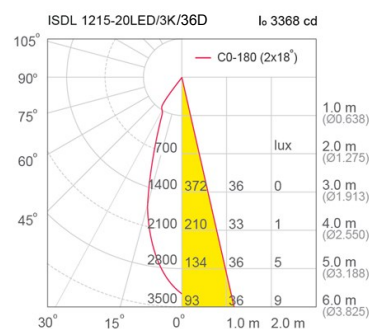
Related Products



ISDL1010-10W

ISDL1515-23/30W

ISDL2020-40/44W



LED IP Surface Downlight



ISDL1010

Application

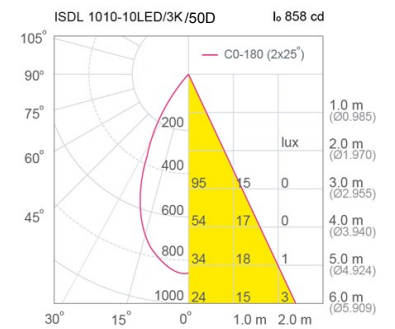
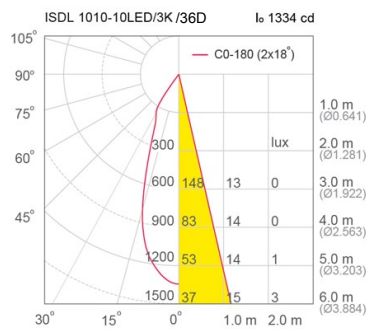
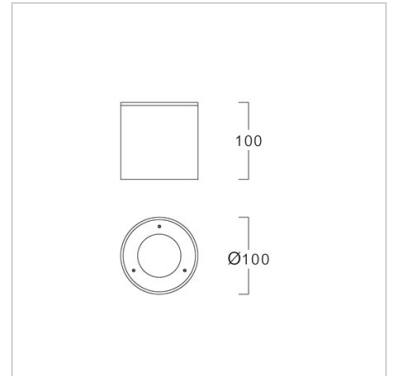
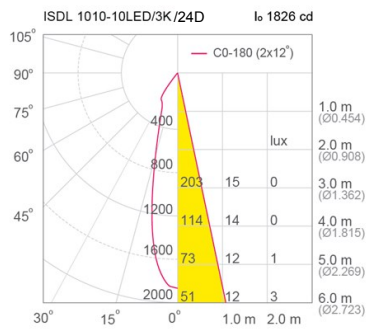
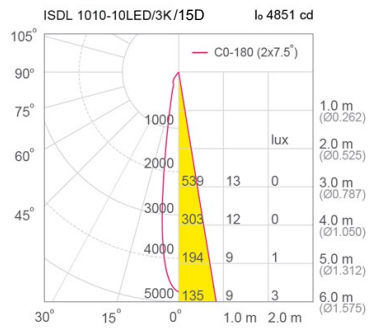
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1120/1215/1290 lm
Luminaire Output	662/715/761 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	10W : PAR30 35W
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

Model	Watt
ISDL1010/BK-10LED	10W



Related Products



ISSL1010-10W



ISDL1515-23/30W



ISSL1515-23/30W



ISDL2020-40/44W



ISSL2020-40/44W

LED IP Surface Downlight



ISSL1010

Application

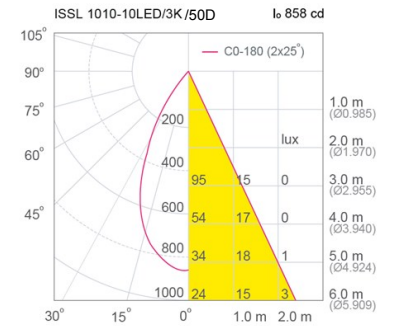
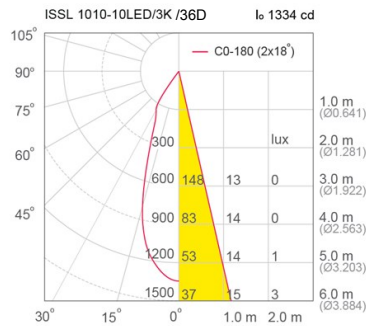
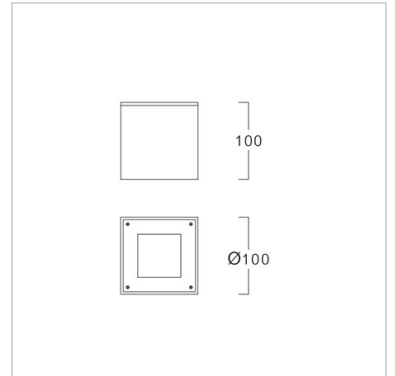
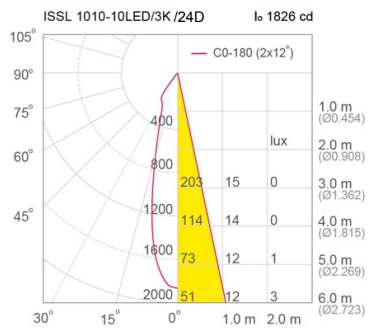
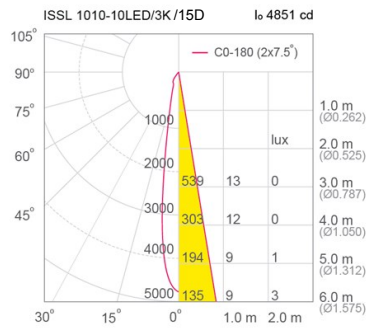
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1120/1215/1290 lm
Luminaire Output	662/715/761 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	10W : PAR30 35W
Remarks	Install on ceiling only * Value at 24 degree

Ordering Data

Model	Watt
ISSL1010/BK-10LED	10W



Related Products



ISDL1010-10W



ISDL1515-23/30W



ISL1515-23/30W



ISDL2020-40/44W



ISSL2020-40/44W

LED IP Surface Downlight



ISDL1515

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

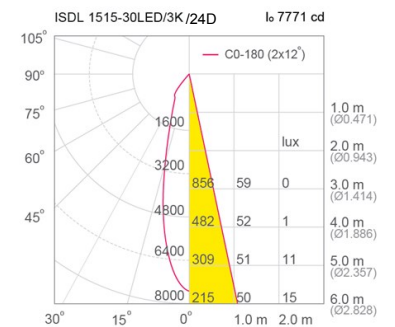
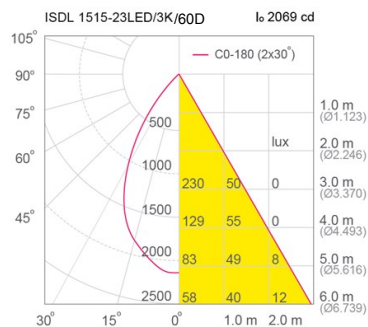
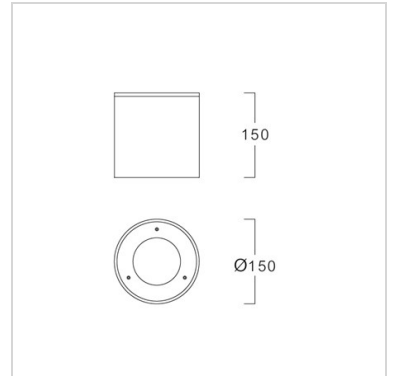
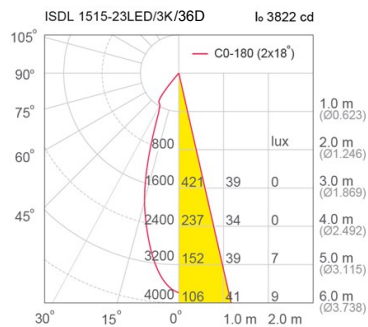
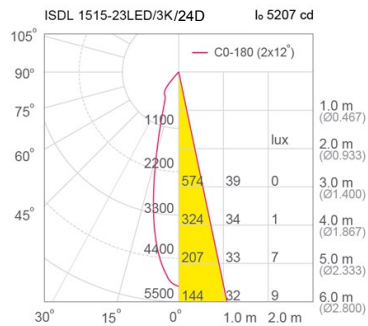
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 1821/1967/2131 lm * 30W : 2767/2988/3182 lm *
Beam Angle	24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 30W : MH 70W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISDL1515/BK-23LED	23W
ISDL1515/BK-30LED	30W



Related Products



ISDL1010-10W



ISSL1010-10W



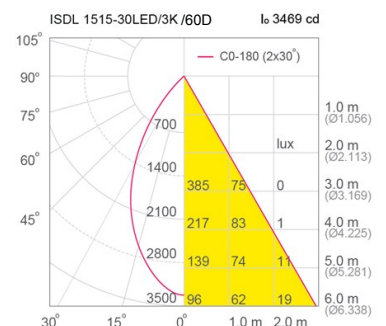
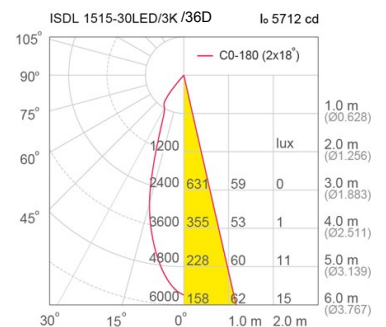
ISSL1515-23/30W



ISDL2020-40/44W



ISDL2020-40/44W



LED IP Surface Downlight



ISSL1515

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

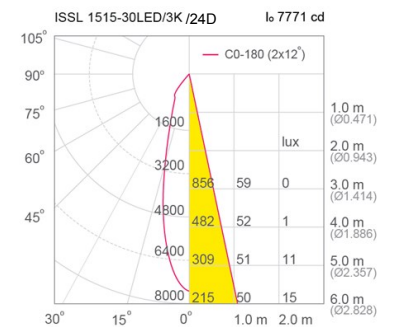
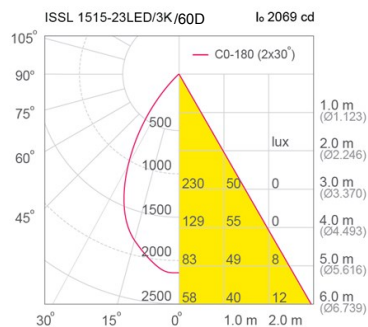
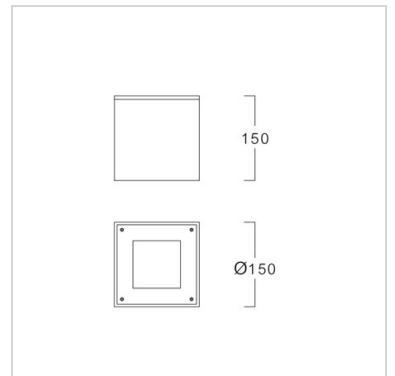
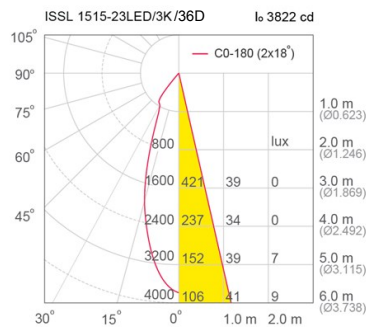
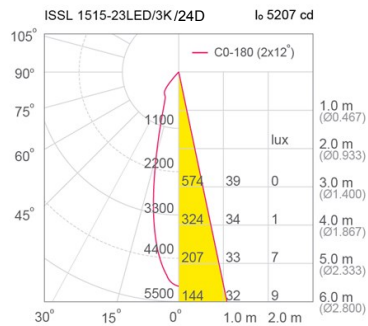
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 1821/1967/2131 lm * 30W : 2767/2988/3182 lm *
Beam Angle	24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 30W : MH 70W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISSL1515/BK-23LED	23W
ISSL1515/BK-30LED	30W



Related Products



ISDL1010-10W

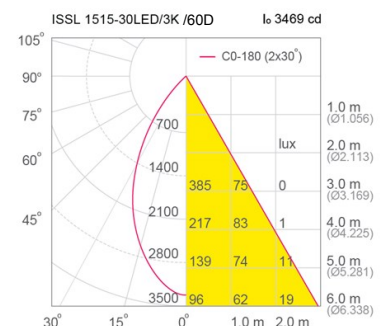
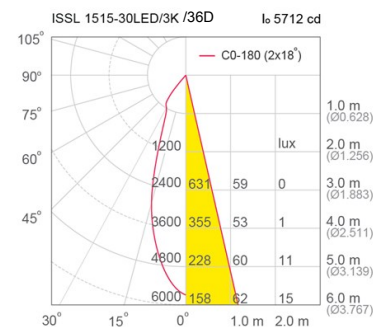
ISSL1010-10W

ISDL1515-23/30W

ISDL2020-40/44W



ISSL2020-40/44W



LED IP Surface Downlight



ISDL2020

Application

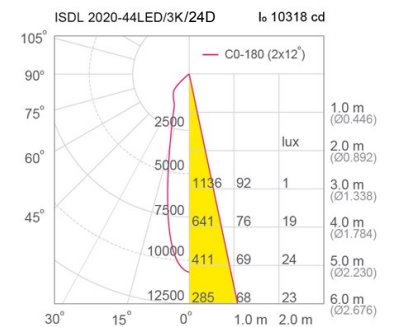
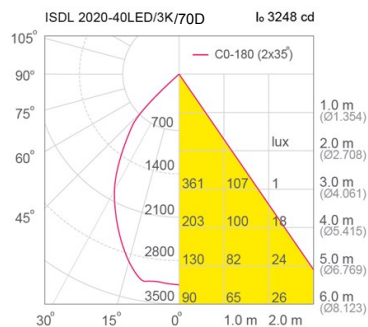
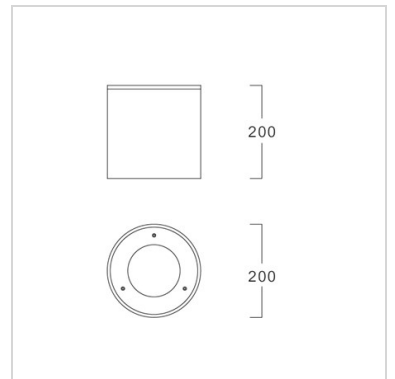
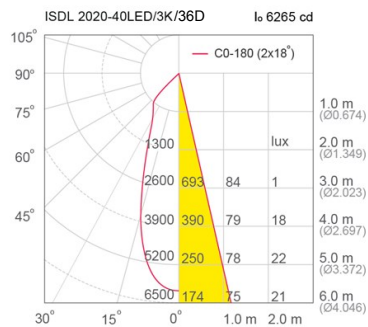
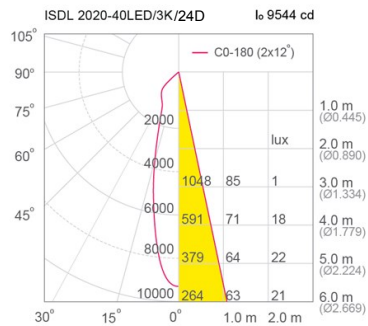
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	40/44W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4665/4995/5270 lm 44W : 5110/5470/5830 lm 40W : 4032/4314/4556 lm *
Luminaire Output	40W : 4032/4314/4556 lm *
Beam Angle	24/36/70 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	40W : MH 100W 44W : MH 150W
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

Model	Watt
ISDL2020/BK-40LED	40W
ISDL2020/BK-44LED	44W



Related Products



ISDL1010-10W



ISSL1010-10W



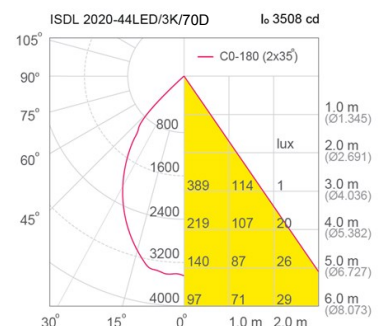
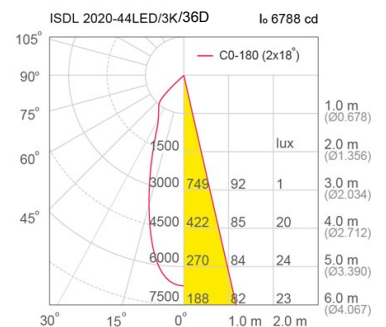
ISDL1515-23/30W



ISSL1515-23/30W



ISDL2020-40/44W



LED IP Surface Downlight



TIS ISSL2020

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

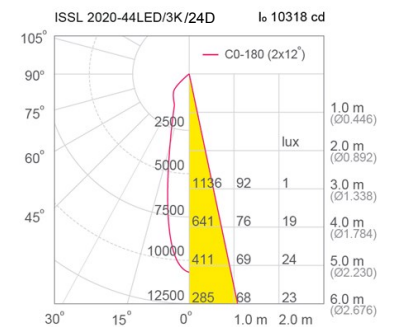
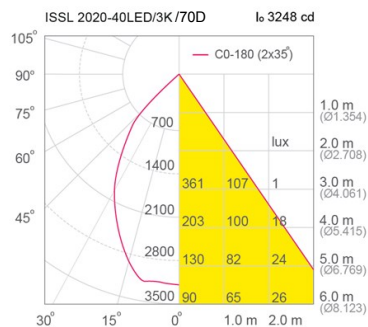
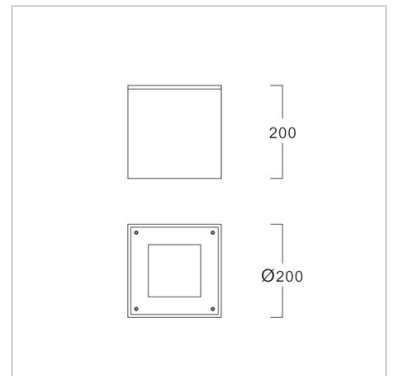
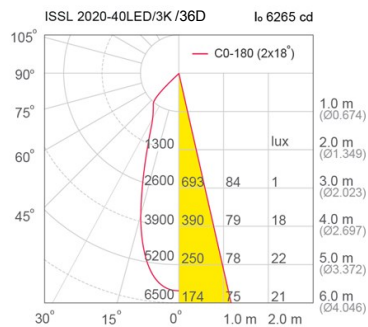
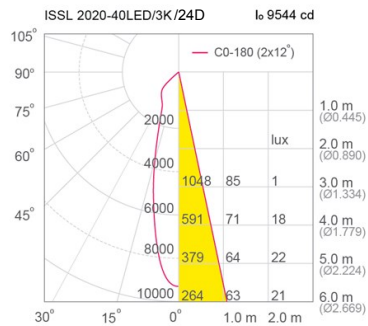
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	40/44W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4665/4995/5270 lm 44W : 5110/5470/5830 lm
Luminaire Output	40W : 4032/4314/4556 lm * 44W : 4328/4631/4934 lm *
Beam Angle	24/36/70 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	40W : MH 100W 44W : MH 150W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISSL2020/BK-40LED	40W
ISSL2020/BK-44LED	44W



Related Products



ISDL1010-10W



ISSL1010-10W



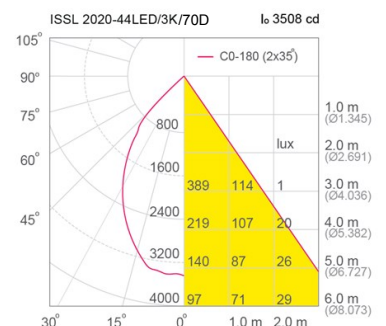
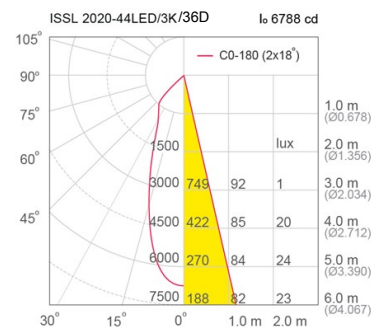
ISDL1515-23/30W



ISSL1515-23/30W



ISDL2020-40/44W





Indoor Lighting

Spot/Track light

LED Spot / Tracklight



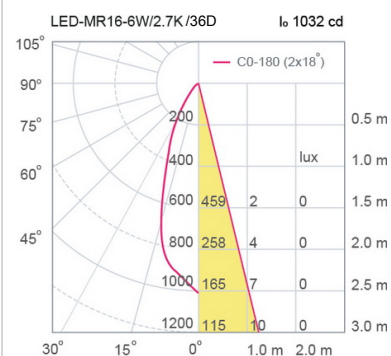
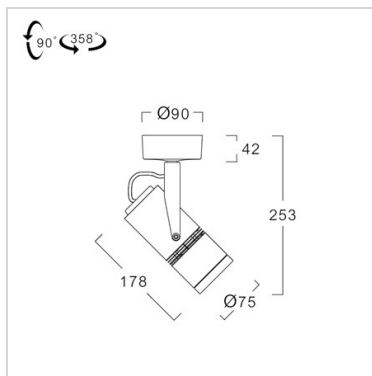
TIS SAM83

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W



Related Products



TRM83-LED MR16

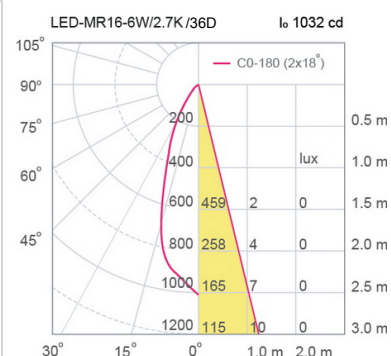
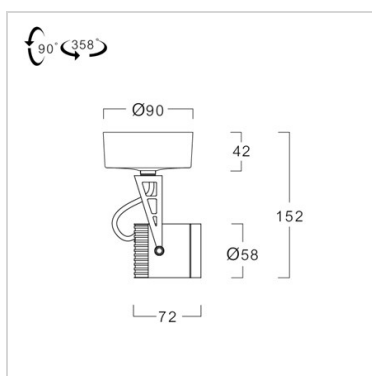
TIS SAM84

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.



Related Products



TRM84-LED MR16

Ordering Data

Model	Watt
SAM84/WH-XXLED-MR16	6W

LED Spot / Tracklight



TIS SAM85

Application

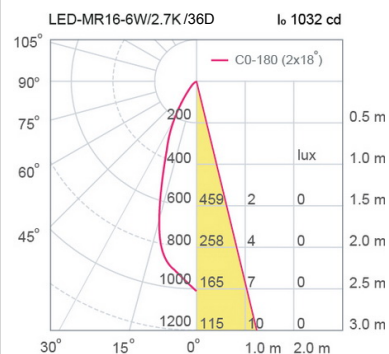
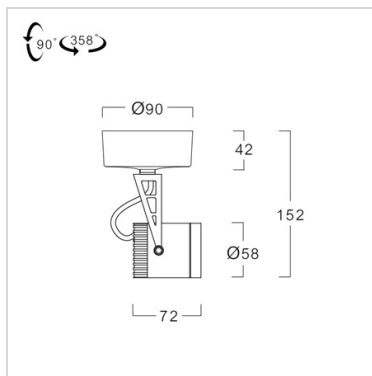
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SAM85/WH-XXLED-MR16	6W



Related Products



TRM85-LED MR16

TIS SAM86

Application

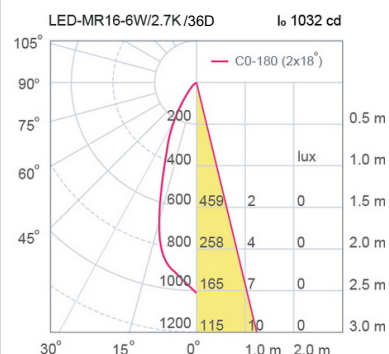
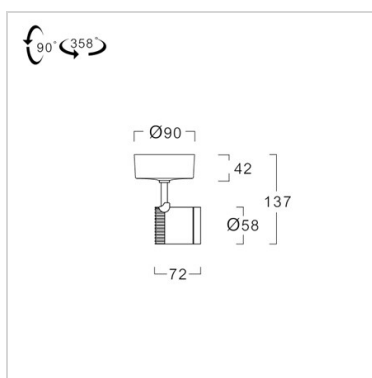
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SAM86/WH-XXLED-MR16	6W



Related Products



TRM86-LED MR16

LED Spot / Tracklight



TIS SAM125

Application

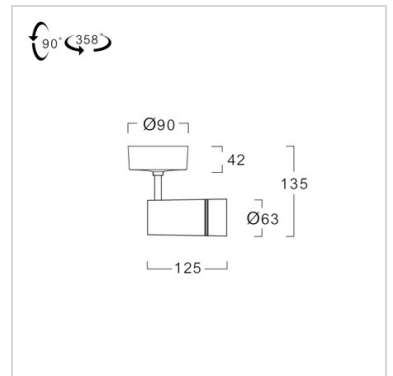
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

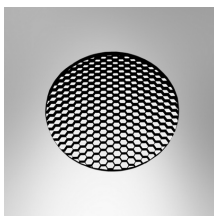
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SAM125/WH-XXLED-MR16	6W



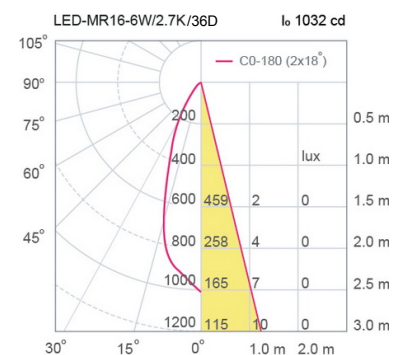
Related Products



Honey comb



TRM125-LED MR16



LED Spot / Tracklight



TIS SAP60

Application

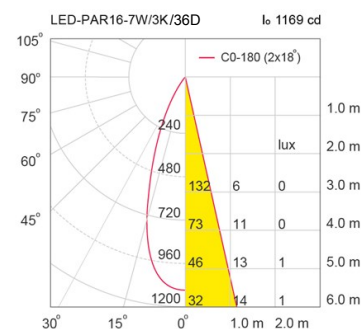
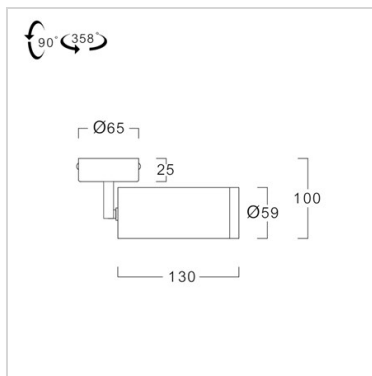
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

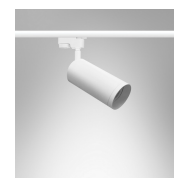
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
SAP60/WH-XXLED-PAR16	4-7W



Related Products



TRP60-LED PAR16

TIS SAP95

Application

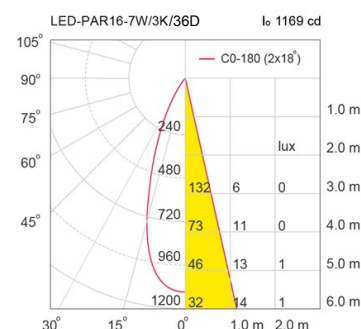
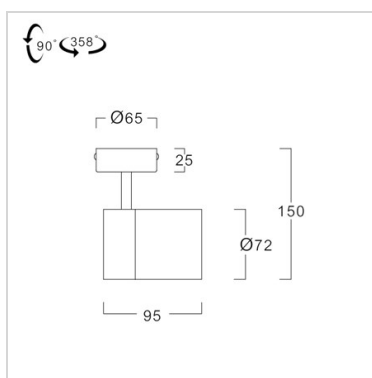
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
SAP95/WH-XXLED-PAR16	4W-7W



Related Products



TRP95-LED PAR16

LED Spot / Tracklight



 TIS **SAP125**

Application

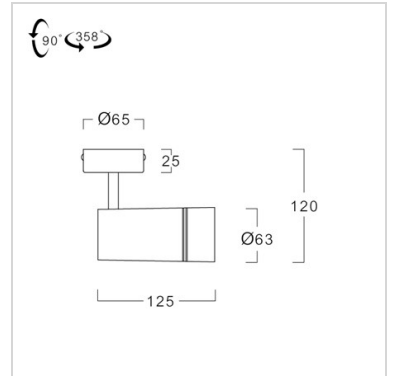
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

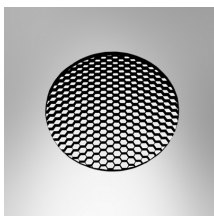
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
SAP125/WH-XXLED-PAR16	4-7W



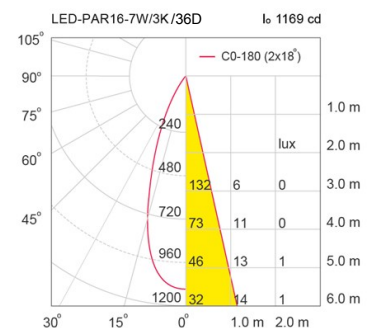
Related Products



Honey comb



TRP125-LED PAR16



LED Spot / Tracklight



TIS SAP135

Application

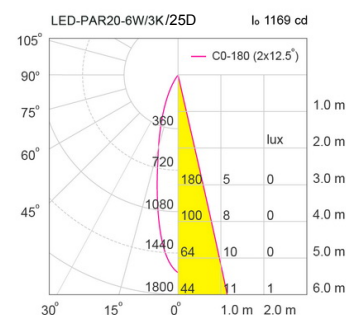
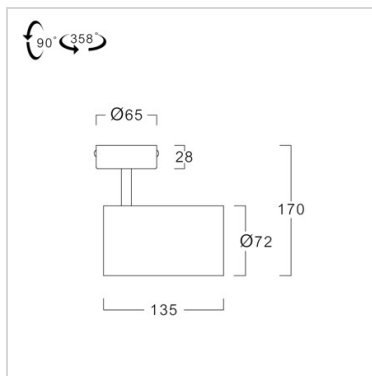
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700 - 3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
SAP135/WH-XXLED-PAR20	5.5-6W



Related Products



TRP135-LED PAR20

TIS SAP135S

Application

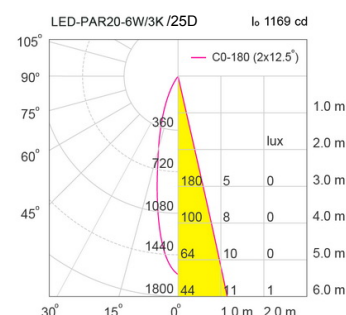
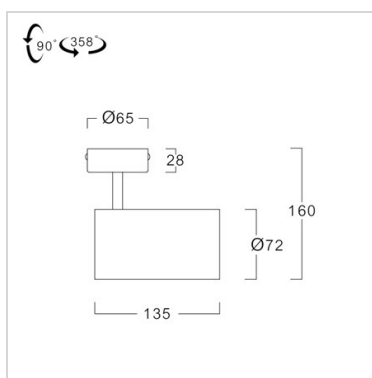
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
SAP135S/WH-XXLED-PAR20	5.5-6W



Related Products



TRP135S-LED PAR20

LED Spot / Tracklight



TIS SAP145

Application

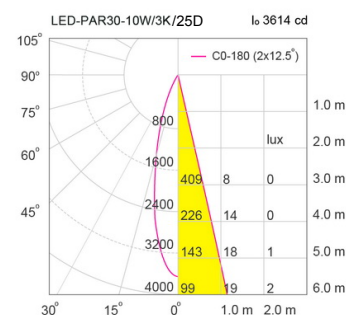
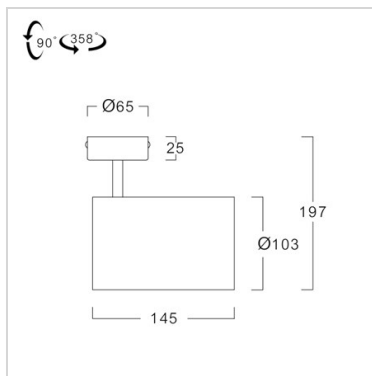
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
SAP145/WH-XXLED-PAR30	9.5-10W



Related Products



TRP145-XXLED-PAR30

TIS SAP145S

Application

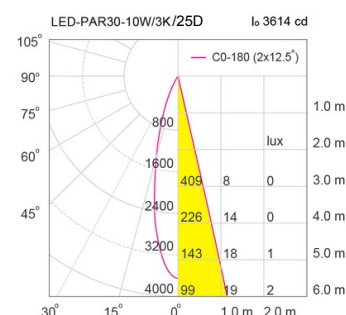
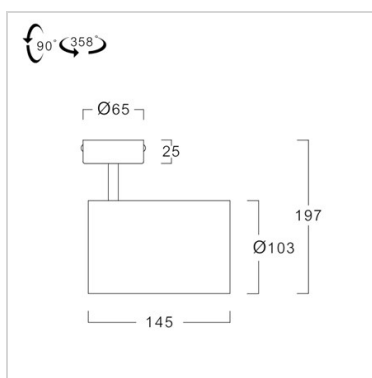
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
SAP145S/WH-XXLED-PAR30	9.5-10W



Related Products



TRP145S-XXLED-PAR30

LED Spot / Tracklight



TIS SAP114

Application

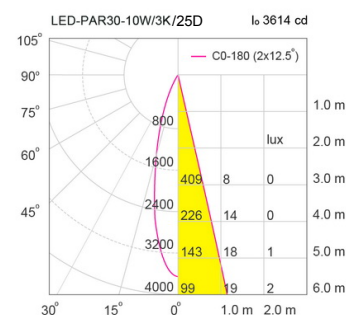
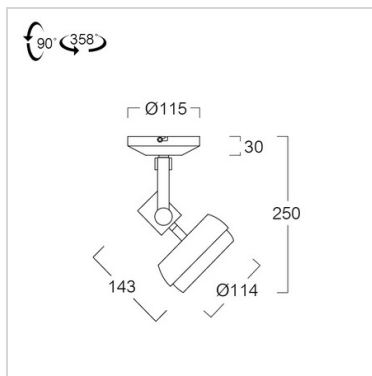
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W/2700K : 700 lm 10W/3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
SAP114/WH-XXLED-PAR30	9.5-10W



Related Products



TRP114-LED PAR30

TIS SAP311

Application

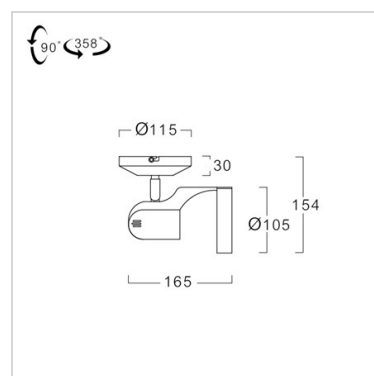
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface Mounted
Power	20/28/32W
Light Source	LED-HI PAR30
Lamp Holder	E27
Colour Temperature	3000-4000K
Lamp Output	20W/3000K : 1800 lm 20W/4000K : 1850 lm 28W/3000K : 2200 lm 28W/4000K : 2200 lm 32W/3000K : 3000 lm 32W/4000K : 3000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	20W : MH 20W 28W : CDMR PAR30 35W 32W : CDMR PAR30 70W

Ordering Data

Model	Watt
SAP311/WH-XXLED-HI PAR30	20-32W



Related Products



TRP311-LED HI PAR30

LED Spot / Tracklight



TIS SAL65

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

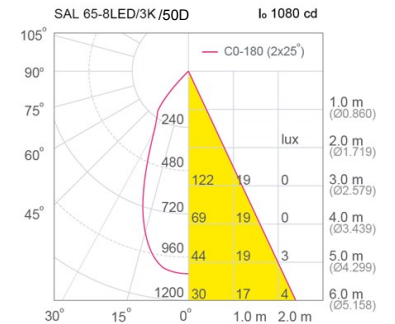
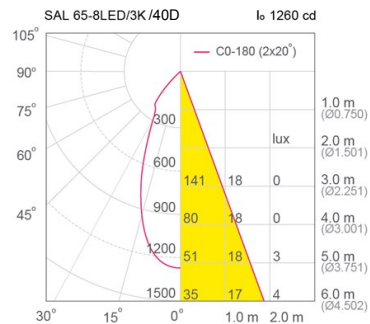
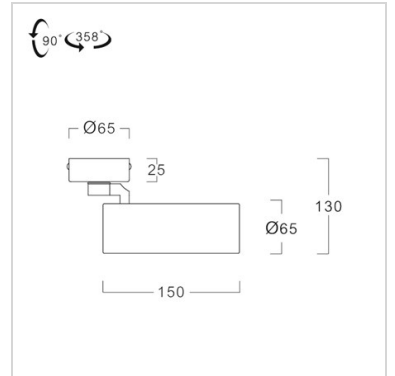
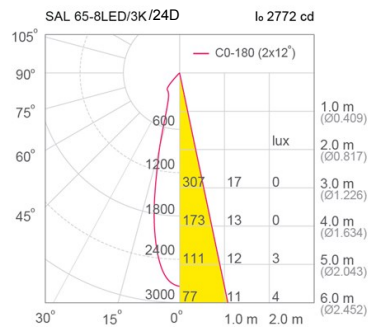
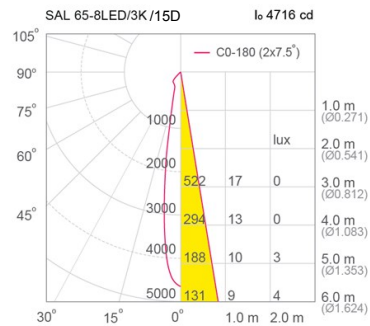
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1540 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W

Remarks

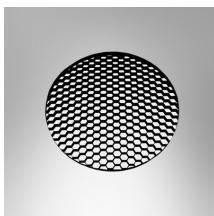
* Value at 24 Degree

Ordering Data

Model	Watt
SAL65/WH-8LED	8W
SAL65/WH-14LED	14W



Related Products



Honey comb



TRL65-8/14W



SDL65-8/14W



PDL65-8/14W

LED Spot / Tracklight



TIS SAL80

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

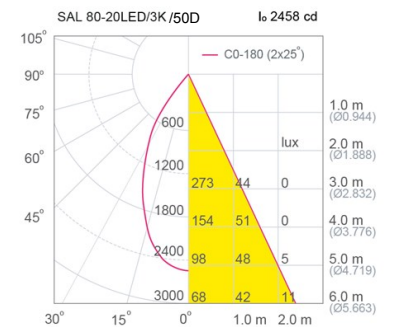
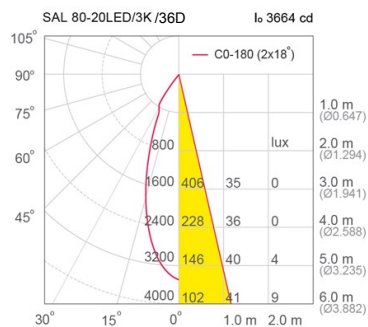
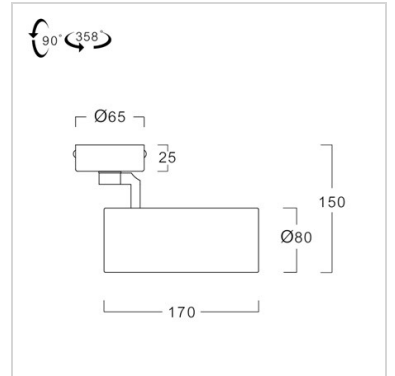
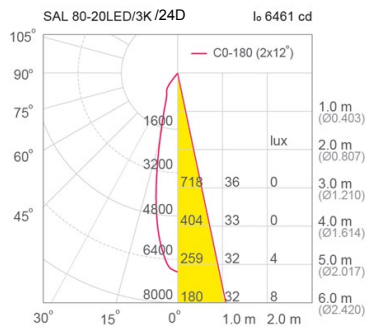
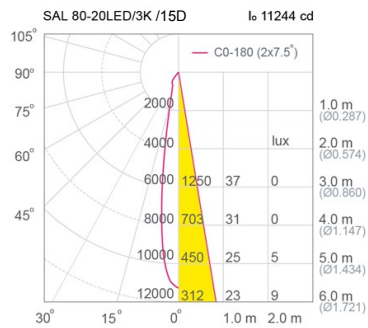
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1355/1464/1586 lm * 20W : 1769/1911/2070 lm * 23W : 2013/2174/2355 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Remarks

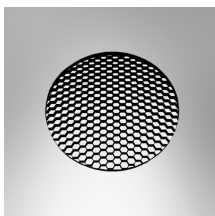
* Value at 24 Degree

Ordering Data

Model	Watt
SAL80/WH-14LED	14W
SAL80/WH-20LED	20W
SAL80/WH-23LED	23W



Related Products



Honey comb



TRL80-14/20/23W

LED Spot / Tracklight



TIS SAL110

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

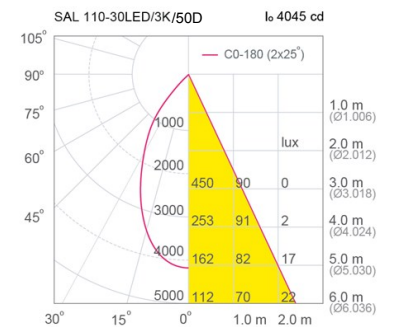
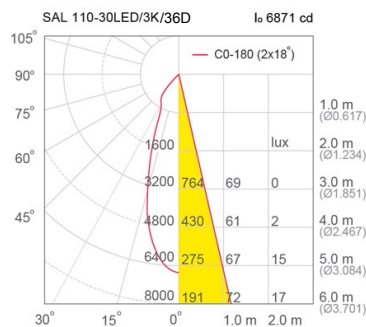
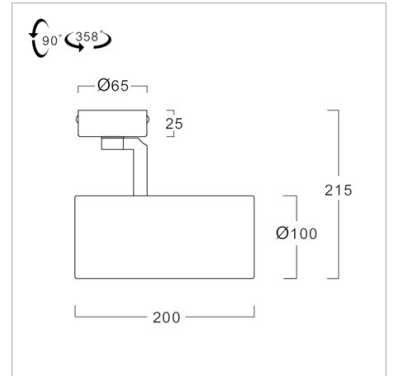
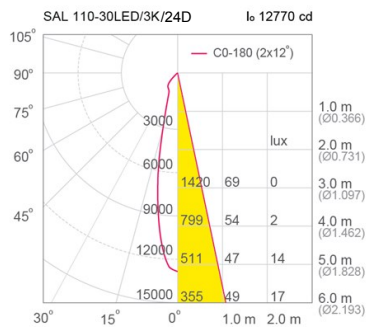
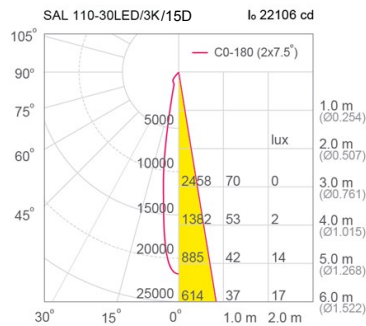
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	20W : 1650/1782/1931 lm * 23W : 2398/2590/2806 lm * 30W : 3208/3465/3689 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 30W : MH 70W

Remarks

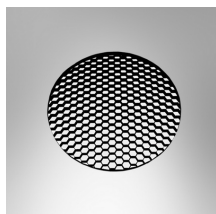
* Value at 24 Degree

Ordering Data

Model	Watt
SAL110/WH-20LED	20W
SAL110/WH-23LED	23W
SAL110/WH-30LED	30W



Related Products



Honey comb



SAL65-8/14W



SAL80-14/20/23W



TRL65-8/14W



TRL80-14/20/23W



TRL110-20/23/30W

LED Spot / Tracklight



 TIS **SAL190**

Application

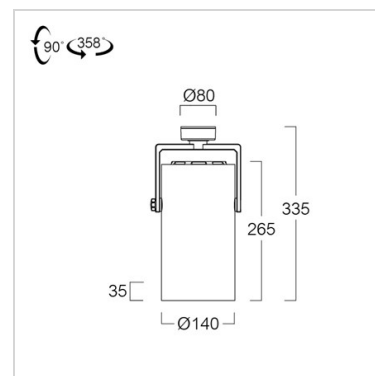
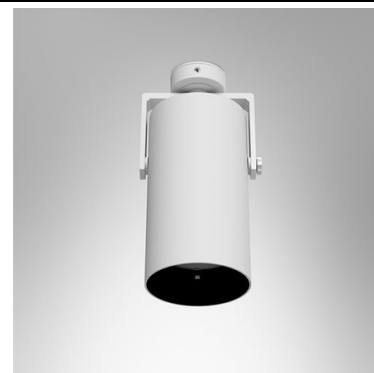
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	56W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	56W : 6220/6660/7095 lm
Beam Angle	15/24/36 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs
Equivalent	56W : MH 150W

Ordering Data

Model	Watt
SAL190/WH-56LED	56W



LED Spot / Tracklight



SPOT42/LS205

Application

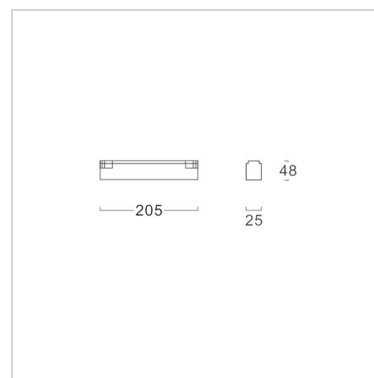
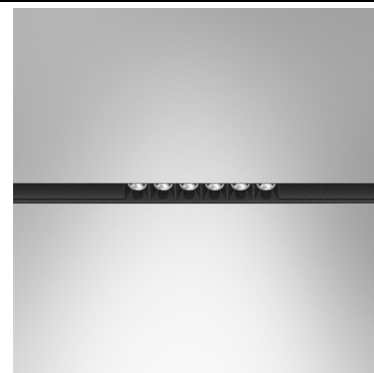
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	10W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	999/999/1026/1026 lm
Luminaire Output	879/879/903/903 lm *
Beam Angle	10/15/25 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 25 Degree

Ordering Data

Model	Watt
SPOT42/LS205/BK-10LED	10W



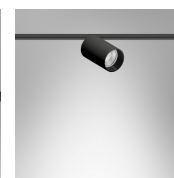
Related Products



SPOT42/LF407-11W



SPOT42/LW205-10W



SPOT42/TR30-8W

SPOT42/LF205

Application

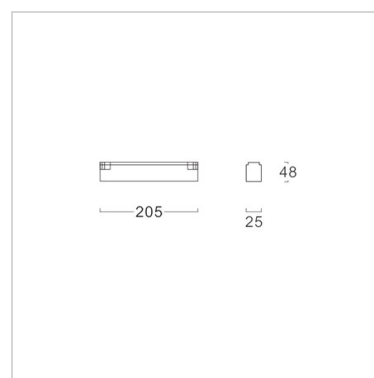
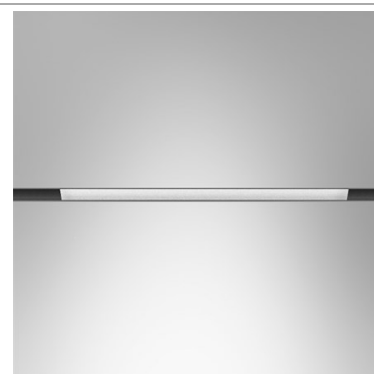
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	6W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	688/688/738/738 lm
Luminaire Output	385/385/413/413 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/LF205/BK-6LED/3K	6W



Related Products



SPOT42/LF407-11W



SPOT42/LW205-10W



SPOT42/TR52/SHUTTER-14W

LED Spot / Tracklight



TIS SPOT42/LF407

Application

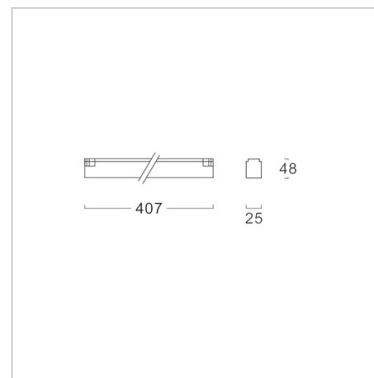
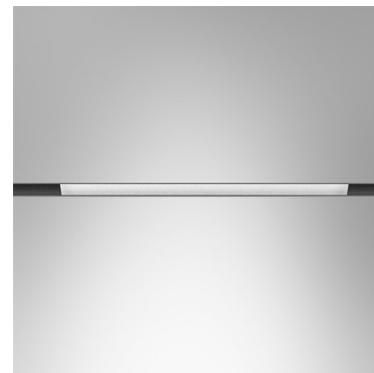
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	11W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1326/1326/1370/1370 lm
Luminaire Output	782/782/808/808 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/LF407/BK-11LED	11W



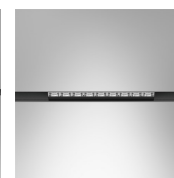
Related Products



SPOT42/LF205-6W



SPOT42/LFA205-6W



SPOT42/LW205-10W

TIS SPOT42/LF800

Application

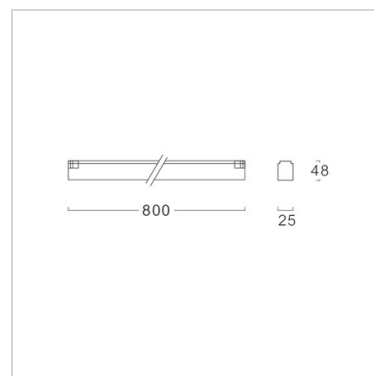
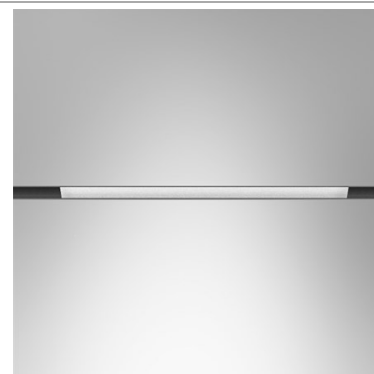
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	20W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	2304/2304/2373/2373 lm
Luminaire Output	1451/1451/1495/1495 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/LF800/BK-20LED	20W



Related Products



SPOT42/LF205-6W



SPOT42/LF407-11W



SPOT42/LFA205-6W

LED Spot / Tracklight



SPOT42/LW205

Application

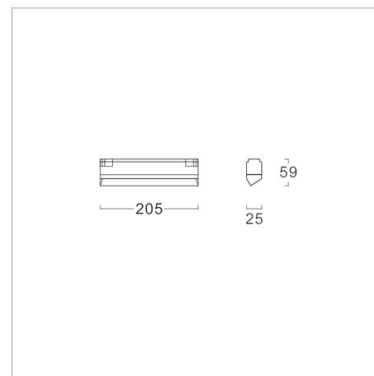
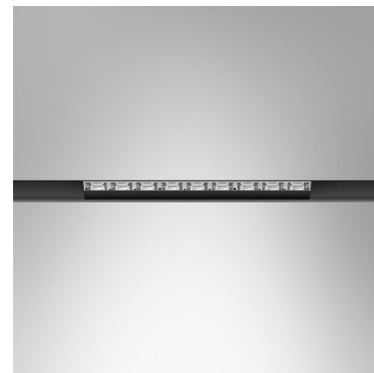
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	10W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	999/999/1026/1026 lm
Luminaire Output	539/539/554/554 lm
Beam Angle	48x25 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

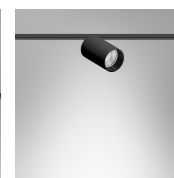
Model	Watt
SPOT42/LW205/BK-10LED	10W



Related Products



SPOT42/LF205-6W



SPOT42/TR30-8W

SPOT42/LFA205

Application

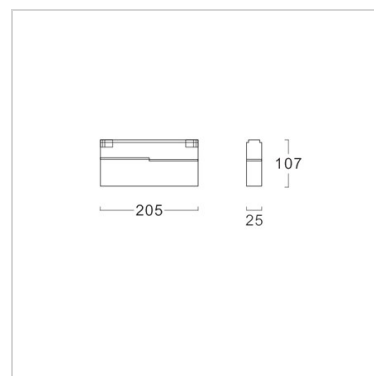
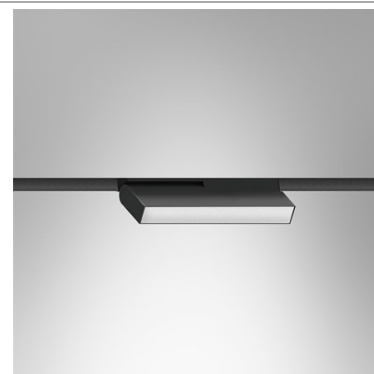
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	6W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	688/688/738/738 lm
Luminaire Output	385/385/413/413 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.

Ordering Data

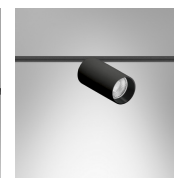
Model	Watt
SPOT42/LFA205/BK-6LED	6W



Related Products



SPOT42/LSA205-10W



SPOT42/TR52-14/20W

LED Spot / Tracklight



TIS SPOT42/LSA205

Application

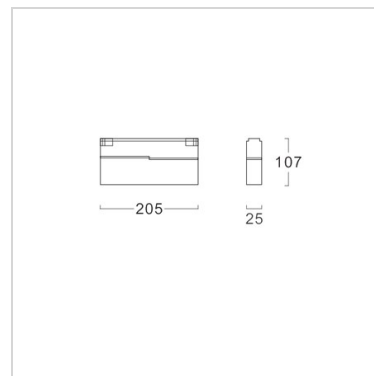
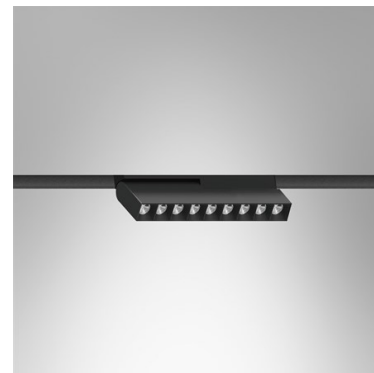
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	10W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	999/999/1026/1026 lm
Luminaire Output	880/880/902/902 lm *
Beam Angle	10/15/25 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 25 Degree

Ordering Data

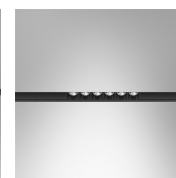
Model	Watt
SPOT42/LSA205/BK-10LED	10W



Related Products



SPOT42/LFA205-6W



SPOT42/LS205-10W

TIS SPOT42/TR30

Application

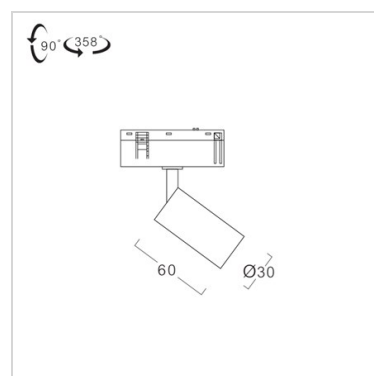
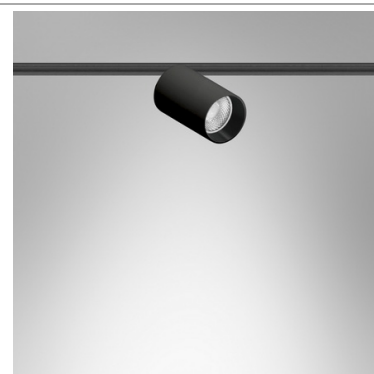
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

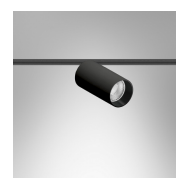
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm *
Beam Angle	15/30/45 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

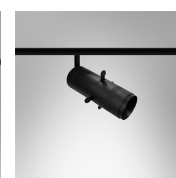
Model	Watt
SPOT42/TR30/BK-8LED	8W



Related Products



SPOT42/TR52-14/20W



SPOT42/TR52/SHUTTER-14W

LED Spot / Tracklight



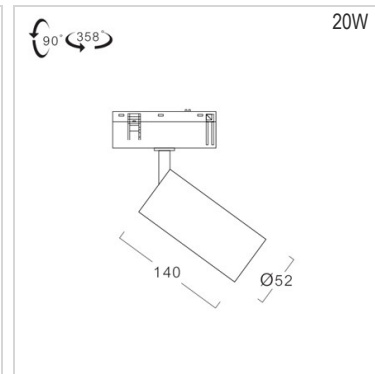
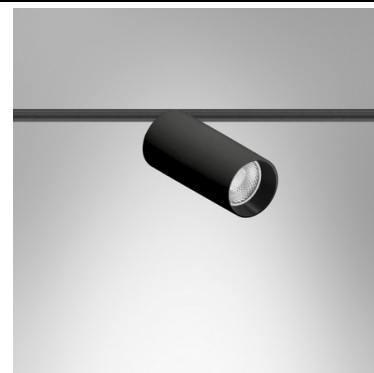
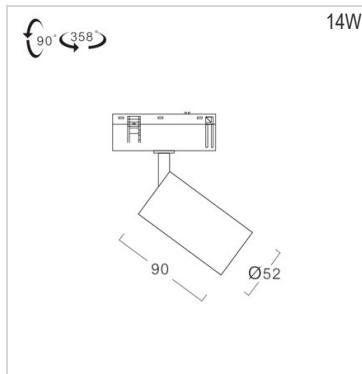
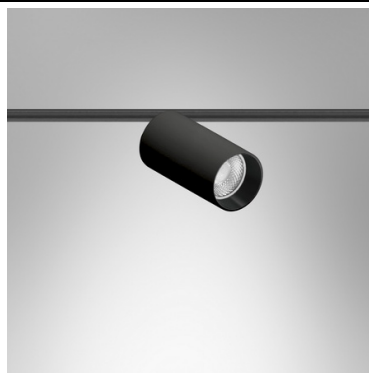
TIS SPOT42/TR52

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	14/20W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	14W : 1425/1425/1526/1526 lm 20W : 2087/2087/2255/2255 lm
Luminaire Output	14W : 1197/1197/1281/1281 lm * 20W : 1565/1565/1675/1675 lm *
Beam Angle	15/30/45 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree



Related Products

Ordering Data

Model	Watt
SPOT42/TR52/BK-14LED	14W
SPOT42/TR52/BK-20LED	20W

TIS SPOT42/TR52/Shutter

Application

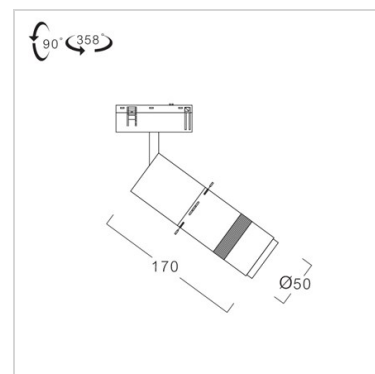
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

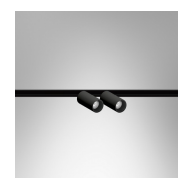
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	14W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

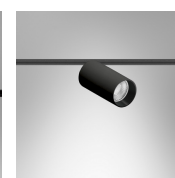
Model	Watt
SPOT42/TR52/shutter/BK-14LED	14W



Related Products



SPOT42/TR30-2x8W



SPOT42/TR52-14/20W

LED Spot / Tracklight



SPOT42/TR95

Application

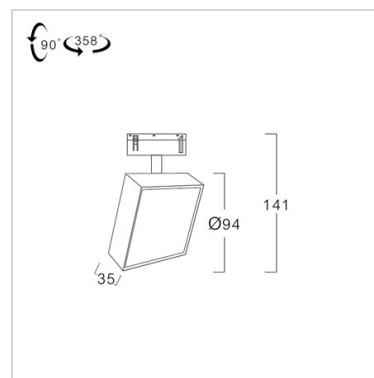
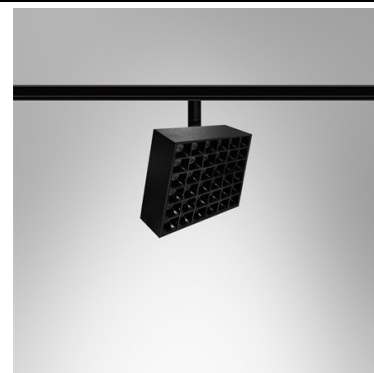
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

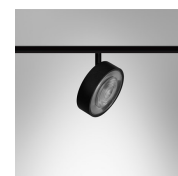
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	25W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	3504/3504/3708/3708 lm
Luminaire Output	2978/2978/3151/3151 lm
Beam Angle	30 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

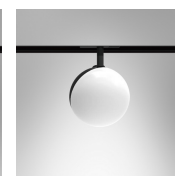
Model	Watt
SPOT42/TR95/BK-25LED	25W



Related Products



SPOT42/PDL95-14W



SPOT42/PDL100-14W

SPOT42/TR30-2

Application

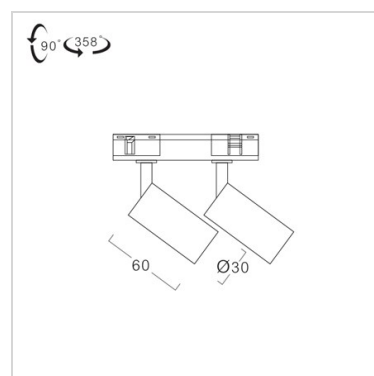
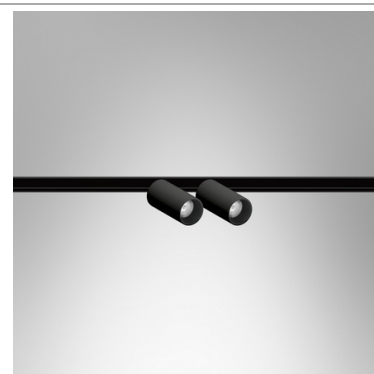
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

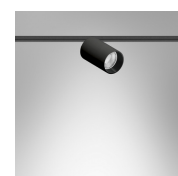
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	2x8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1314/1314/1420/1420 lm
Luminaire Output	946/946/1008/1008 lm *
Beam Angle	15/30/45 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

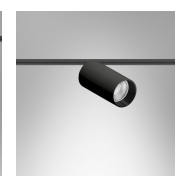
Model	Watt
SPOT42/TR30/BK-2x8LED	16W



Related Products



SPOT42/TR30-8W



SPOT42/TR52-14/20W

LED Spot / Tracklight



TIS SPOT42/PDL100S

Application

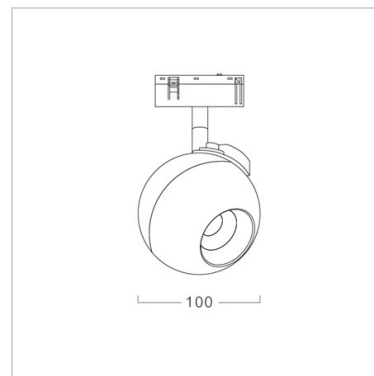
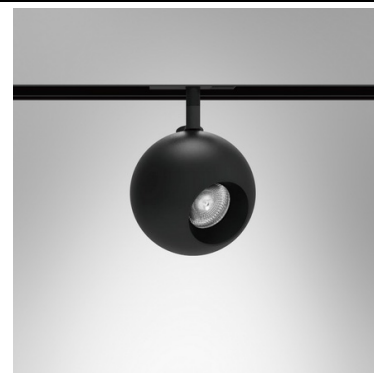
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

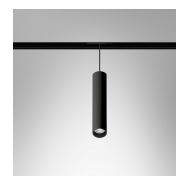
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	14W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1425/1425/1526/1526 lm
Luminaire Output	1197/1197/1281/1281 lm *
Beam Angle	20/30/45 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

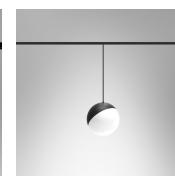
Model	Watt
SPOT42/PDL100S/BK-14LED	14W



Related Products



SPOT42/PDL52-20W



SPOT42/PDL100L-8/14W

TIS SPOT42/PDL100

Application

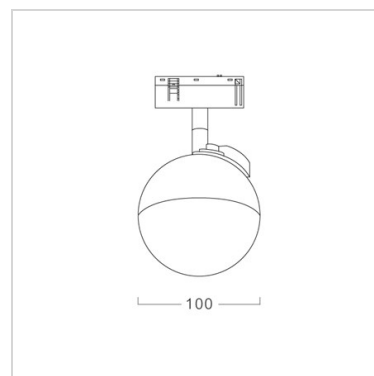
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	14W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1425/1425/1526/1526 lm
Luminaire Output	1083/1083/1159/1159 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

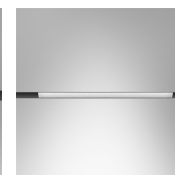
Model	Watt
SPOT42/PDL100/BK-14LED	14W



Related Products



SPOT42/LW205-10W



SPOT42/LF407-11W

LED Spot / Tracklight



SPOT42/PDL30

Application

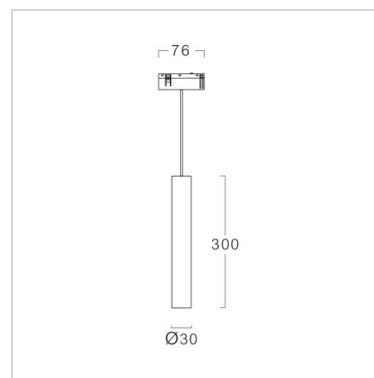
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

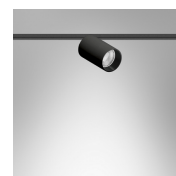
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm *
Beam Angle	25/30/45 Degree
Control Gear	Separate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V suspension wires length 1.50 m. * Value at 30 Degree

Ordering Data

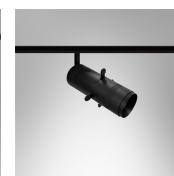
Model	Watt
SPOT42/PDL30/BK-8LED	8W



Related Products



SPOT42/TR30-8W



SPOT42/TR52/Shutter-14W

SPOT42/PDL52

Application

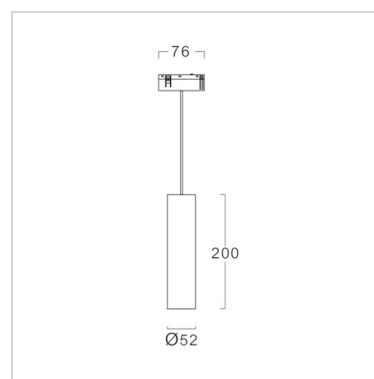
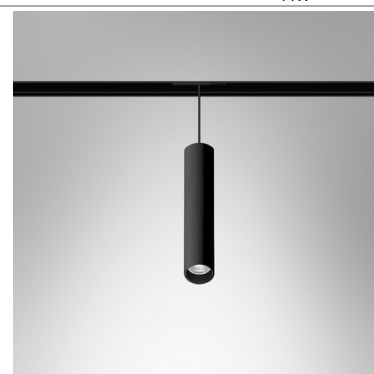
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

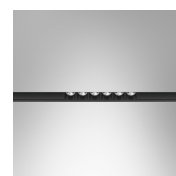
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	20W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	2087/2087/2255/2255 lm
Luminaire Output	1565/1565/1690/1690 lm *
Beam Angle	20/30/45 Degree
Control Gear	Separate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V suspension wires length 1.50 m. * Value at 30 Degree

Ordering Data

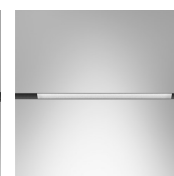
Model	Watt
SPOT42/PDL52/BK-20LED	20W



Related Products



SPOT42/LS205-10W



SPOT42/LF407-11W

LED Spot / Tracklight



TIS SPOT42/PDL95

Application

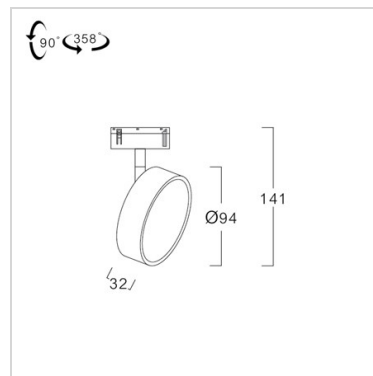
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

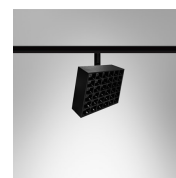
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	14W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1446/1446/1665/1665 lm
Luminaire Output	1214/1214/1398/1398 lm *
Beam Angle	15/30/40 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

Model	Watt
SPOT42/PDL95/BK-14LED	14W



Related Products



SPOT42/TR95-25W



SPOT42/LF205-6W

TIS SPOT42/PDL100L

Application

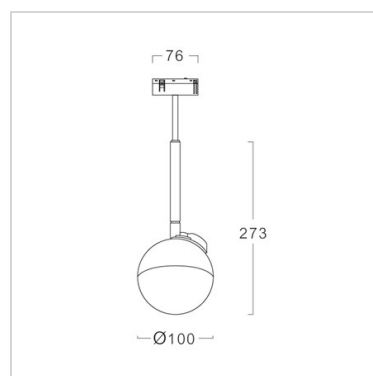
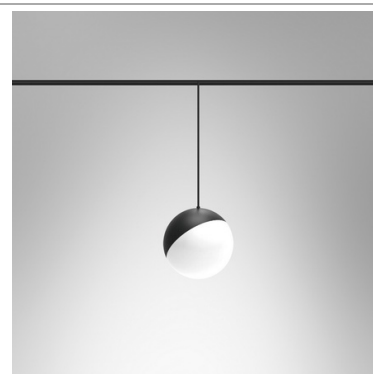
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

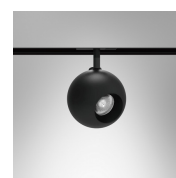
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	8/14W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	8W : 657/657/710/710 lm 14W : 1425/1425/1526/1526 lm
Luminaire Output	8W : 367/367/397/397 lm 14W : 1083/1083/1159/1159 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42Vdc
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V suspension wires lenght 1.50 m.

Ordering Data

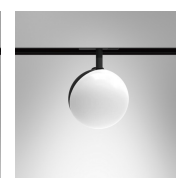
Model	Watt
SPOT42/PDL100L/BK-8LED	8W
SPOT42/PDL100L/BK-14LED	14W



Related Products



SPOT42/PDL100S-14W



SPOT42/PDL100-14W

LED Spot / Tracklight



TIS SPOT42/LTR90

Application

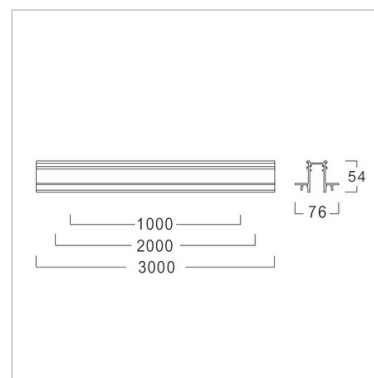
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire
Finishing	Powder Coated in Black
Mounting	Recessed
Power Supply	42Vdc (Max. load 120 W)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Remarks	Recommend size of power cable from driver to track system 2-2.5 sq.mm. cable and track total length 40 m.

Ordering Data

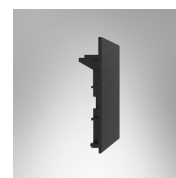
Model	Watt
SPOT42/LTR90/BK 1.0m.	-
SPOT42/LTR90/BK 2.0m.	-
SPOT42/LTR90/BK 3.0m.	-
SPOT42/LTR90/BK-CONNECTOR	-
SPOT42/LTR90/BK-I	-
SPOT42/LTR90/BK-L (inner)	-
SPOT42/LTR90/BK-L (outer)	-
SPOT42/LTR90/BK-L (same plane)	-
SPOT42-ECAP/BK	-
SPOT42-S/BK	-



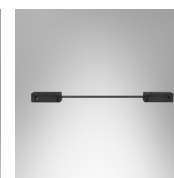
Related Products



SPOT42-S



SPOT42-ECAP



SPOT42-I

TIS SPOT42/LTS90

Application

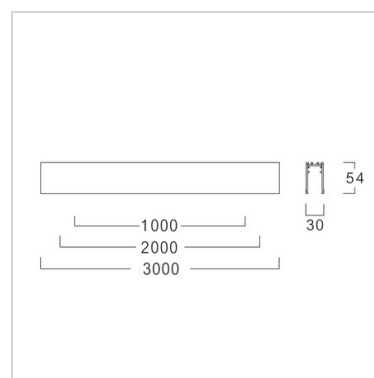
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire
Finishing	Powder Coated in Black
Mounting	Surfaced/Pendant
Power Supply	42Vdc (Max. load 120 W)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Remarks	Recommend size of power cable from driver to track system 2-2.5 sq.mm. cable and track total length 40 m.

Ordering Data

Model	Watt
SPOT42/COVER/BK 1.0m.	-
SPOT42/LTS90/BK 1.0 m.	-
SPOT42/LTS90/BK 2.0m.	-
SPOT42/LTS90/BK 3.0m.	-
SPOT42/LTS90/BK-I	-
SPOT42/LTS90/BK-L	-
SPOT42/LTS90/BK-L135D	-
SPOT42-ECAP/BK	-
SPOT42-S/BK	-
SPOT42-sling/BK 1.5m.	-



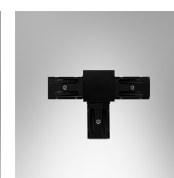
Related Products



SPOT42/LTS90-I



SPOT42/LTS90-L



SPOT42/LTS90-T

LED Spot / Tracklight



TIS TRM83

Application

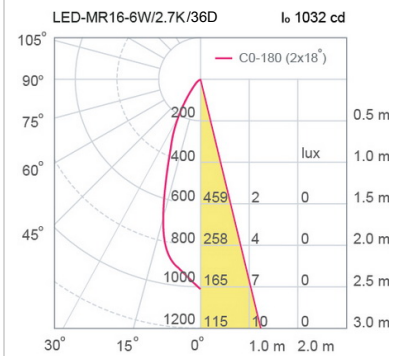
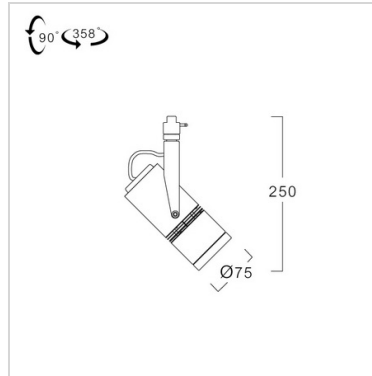
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
TRM83/WH-XXLED-MR16	6W



Related Products



TRM83-LED MR16

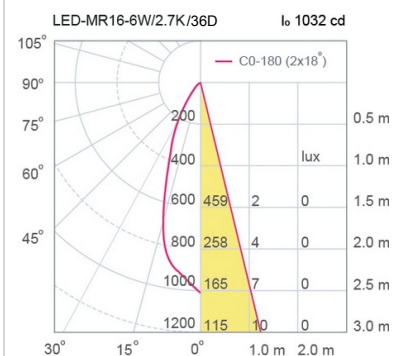
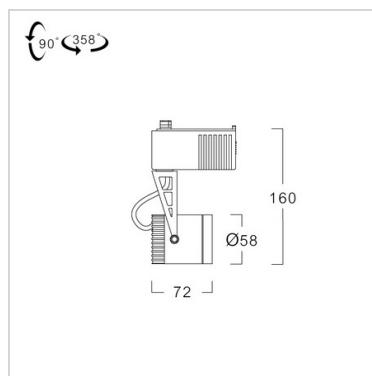
TIS TRM84

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	1 phase lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W



Related Products



SAM84-LED MR16

LED Spot / Tracklight



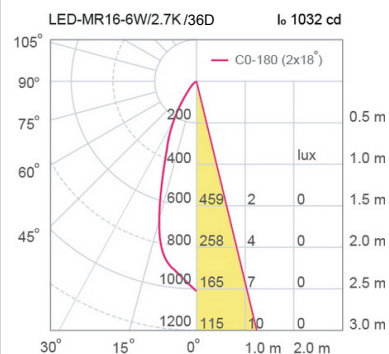
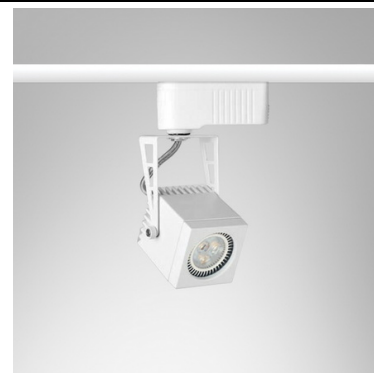
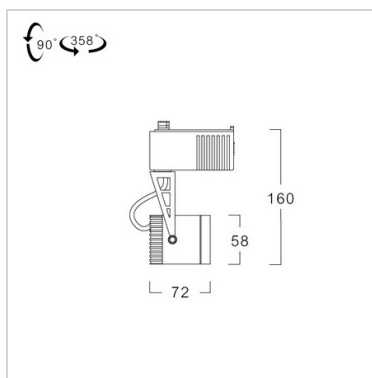
TIS TRM85

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	1 phase lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W



Related Products



SAM85-LED MR16

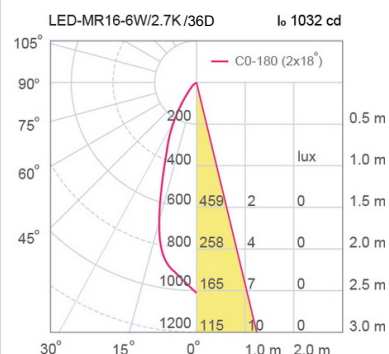
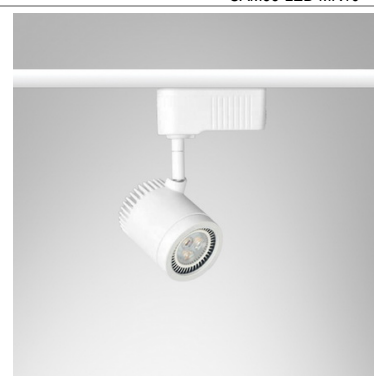
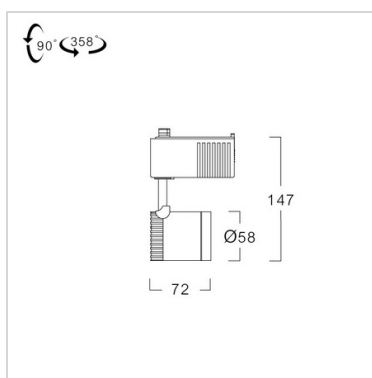
TIS TRM86

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01))
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W



Related Products



SAM86-LED MR16

Ordering Data

Model	Watt
TRM86/WH-XXLED-MR16	6W

LED Spot / Tracklight



TIS TRM87

Application

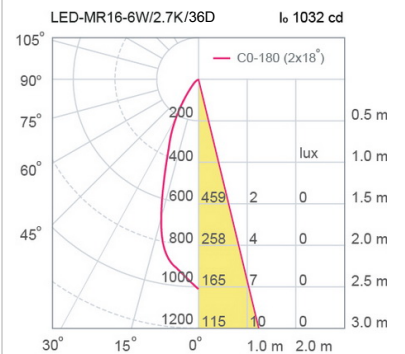
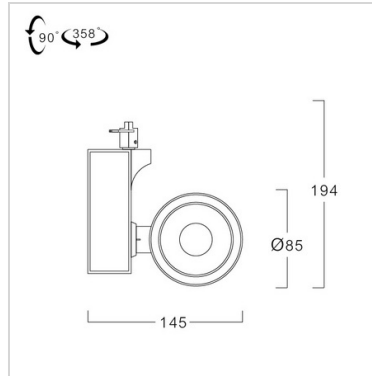
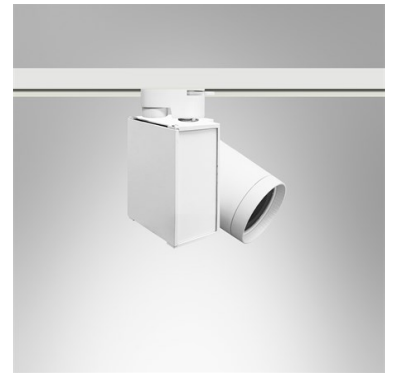
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
TRM87/WH-XXLED MR16	6W



TIS TRM125

Application

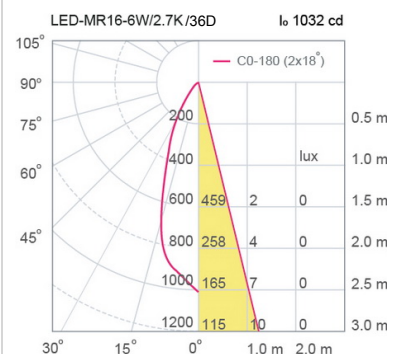
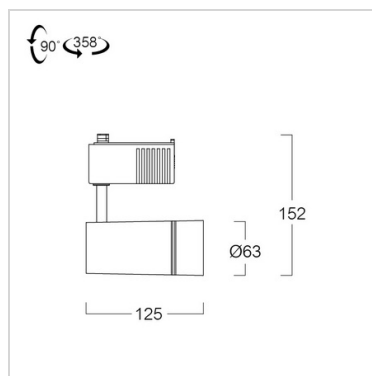
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

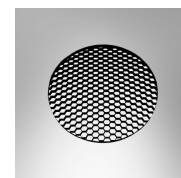
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
TRM125/WH-XXLED MR16	6W



Related Products



Honey comb



SAM125-LED MR16

LED Spot / Tracklight



TIS TRP60

Application

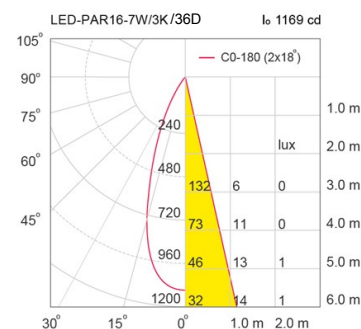
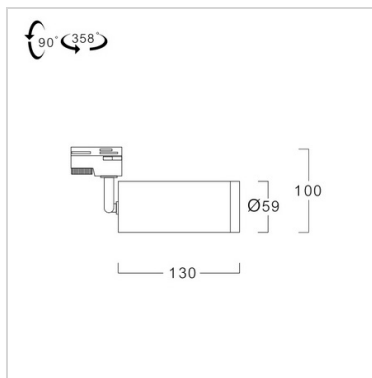
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700-6500K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	15,000 -50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
TRP60/WH-XXLED-PAR16	4-7W



Related Products



SAP60-LED MR16

TIS TRP125

Application

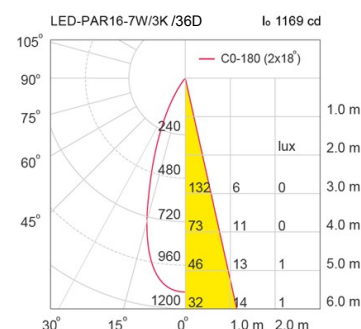
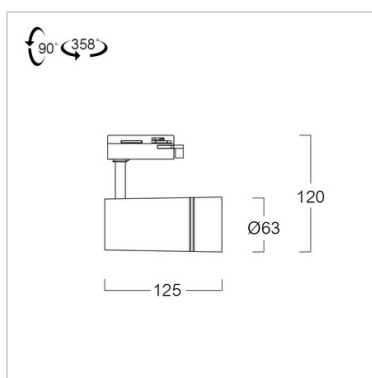
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

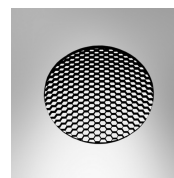
Housing	Die-cast aluminium
Finishing	Powder Coated in white or balck
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
TRP125/WH-XXLED-PAR16	4-7W



Related Products



Honey comb



SAP125-LED PAR16

LED Spot / Tracklight



TIS TRP93

Application

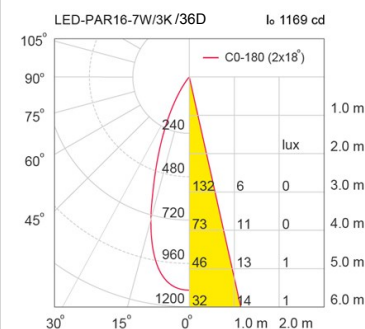
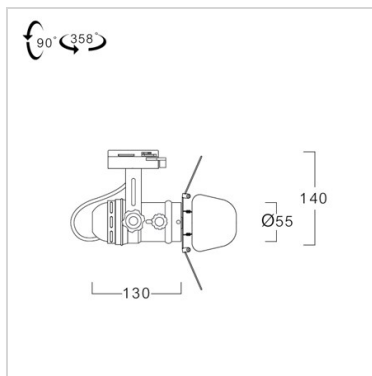
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
L&E#TRP93/BK-GU10	4-7W
L&E#TRP93/WH-GU10	4-7W



TIS TRP155

Application

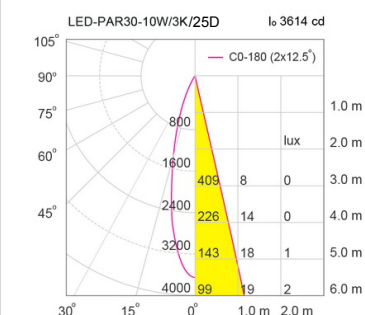
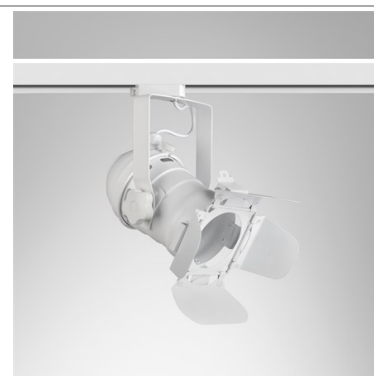
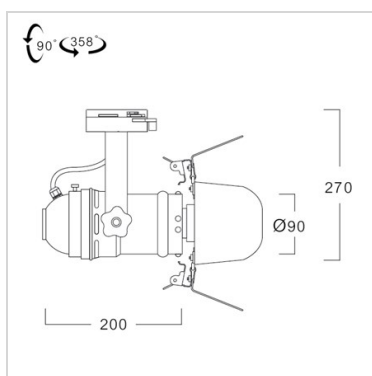
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP155/BK-XXLED-E27	9.5-10W
TRP155/WH-XXLED-E27	9.5-10W



LED Spot / Tracklight



TIS TRP95

Application

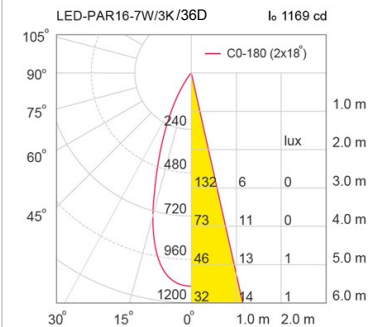
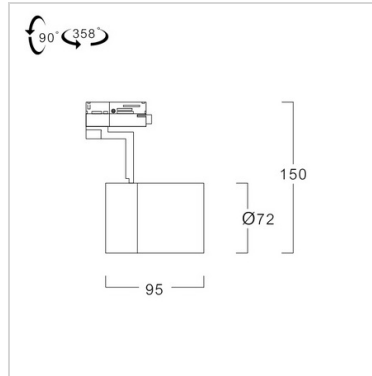
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
TRP95/WH-XXLED-PAR16	4-7W



Related Products



SAP95-LED PAR16

TIS TRP98

Application

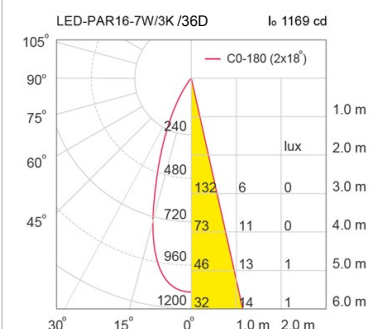
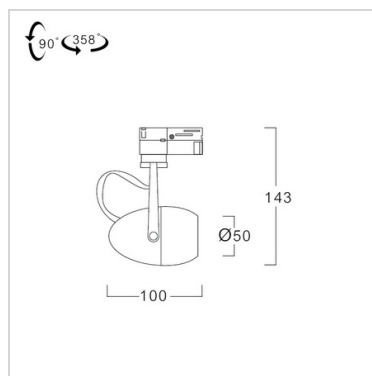
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700-4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W/2700K : 402lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR16 35-50W

Ordering Data

Model	Watt
TRP98/WH-XXLED-PAR16	4-7W



LED Spot / Tracklight



TIS TRP135

Application

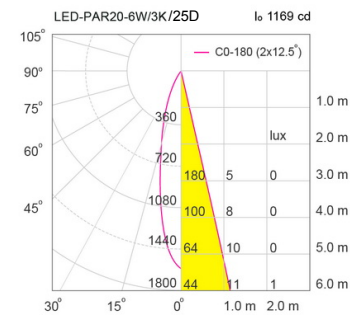
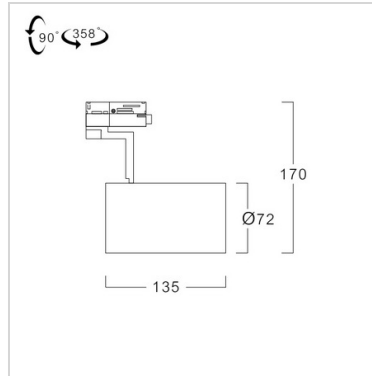
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
TRP135/WH-XXLED-PAR20	5.5-6W



RelatedProducts



SAP135S-LED PAR20

TIS TRP135S

Application

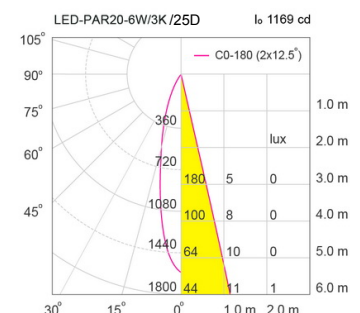
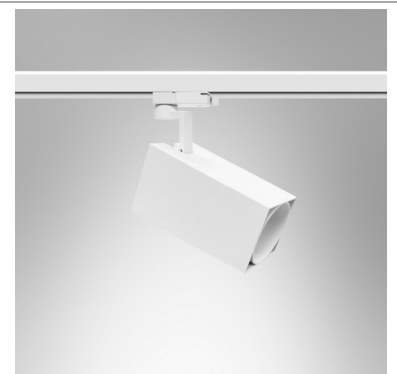
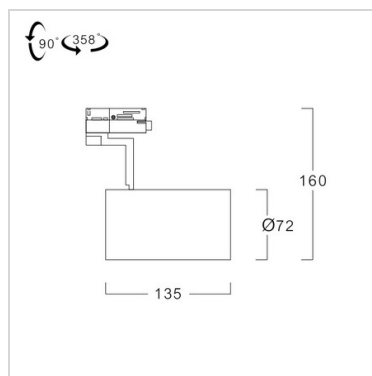
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
TRP135S/WH-XXLED-PAR20	5.5-6W



Related Products



SAP135S-LED PAR20

LED Spot / Tracklight



TIS TRP145

Application

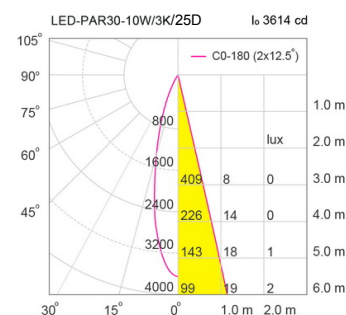
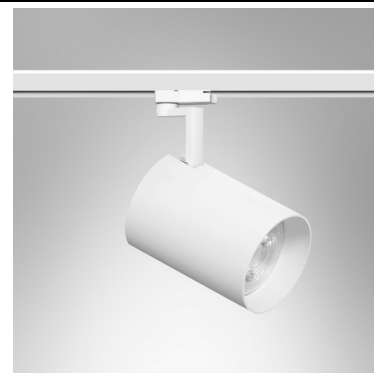
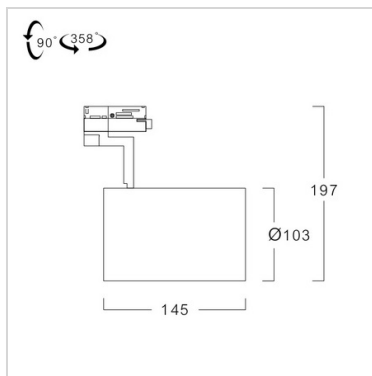
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP145/WH-XXLED-PAR30	9.5-10W



Related Products



SAP145S-LED PAR30

TIS TRP145S

Application

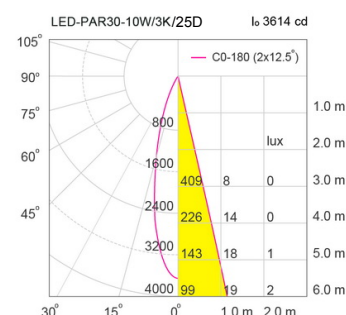
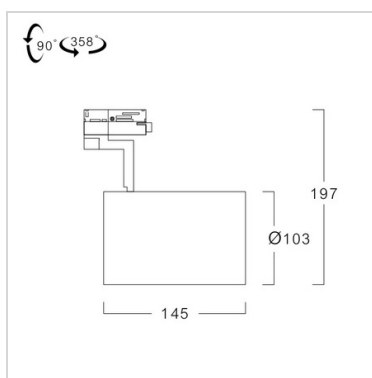
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP145S/WH-XXLED-PAR30	9.5-10W



Related Products



SAP145S-LED PAR30

LED Spot / Tracklight



TIS TRP114

Application

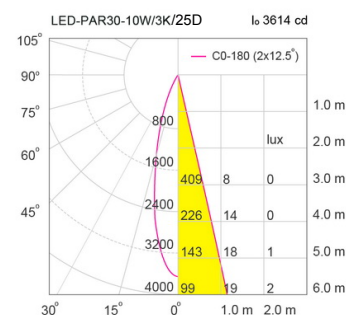
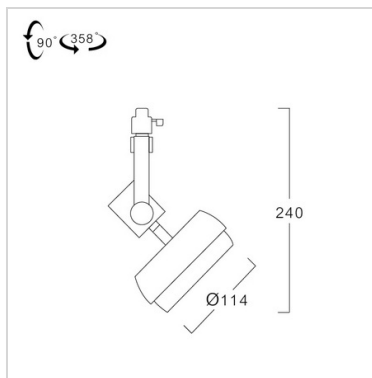
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP114/WH-XXLED-PAR30	9.5-10W



Related Products



SAP114-LED PAR30

TIS TRP311

Application

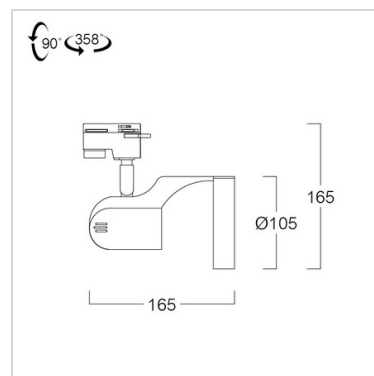
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	20/28/32W
Light Source	LED-HI PAR30
Lamp Holder	E27
Colour Temperature	3000-4000K
Lamp Output	20W : 3000K : 1800 lm 20W : 4000K : 1850 lm 28W : 3000K : 2200 lm 28W : 4000K : 2200 lm 32W : 3000K : 3000 lm 32W : 4000K : 3000 lm
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	20W : MH 20W 28W : CDMR PAR30 35W 32W : CDMR PAR30 70W

Ordering Data

Model	Watt
TRP311/WH-XXLED-HI PAR30	20-32W



Related Products



SAP311-LED HI PAR30

LED Spot / Tracklight



Application

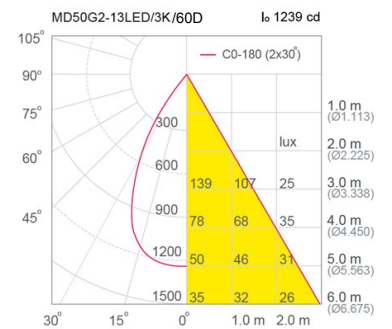
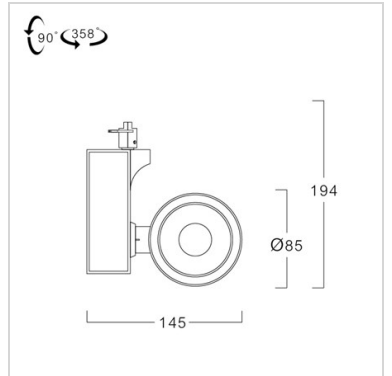
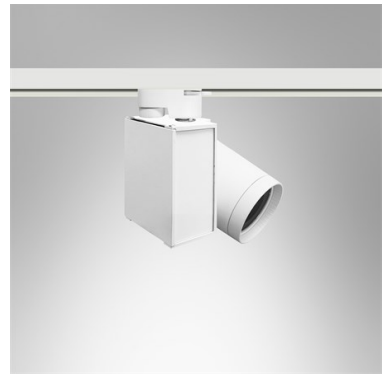
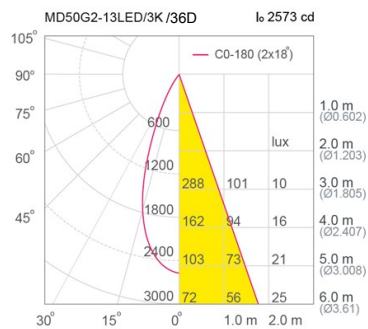
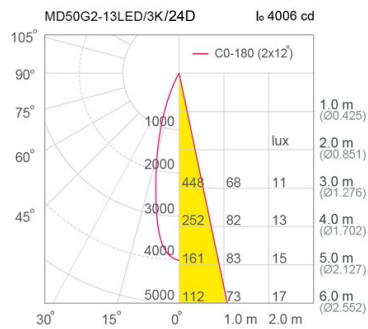
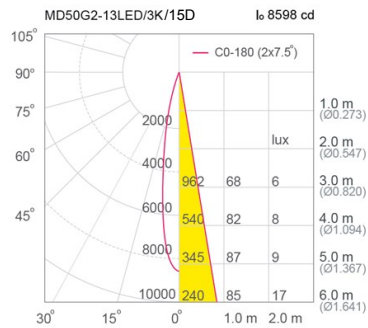
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

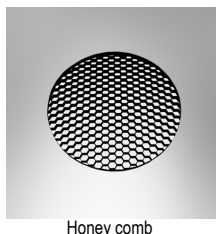
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	13W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	13W : PAR30 75W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
TRL87/WH-13LED	13W



Related Products



Honey comb

LED Spot / Tracklight



 TIS TRL69

Application

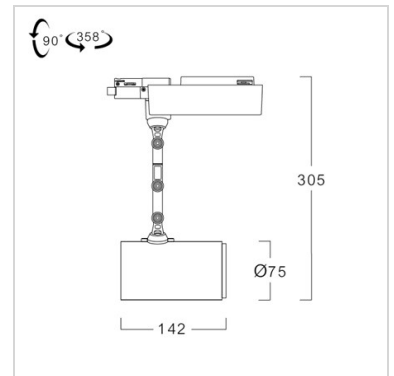
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Beam Angle	15/24/36 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
TRL69/WH-14LED	14W
TRL69/WH-20LED	20W
TRL69/WH-23LED	23W



LED Spot / Tracklight



TIS TRL651

Application

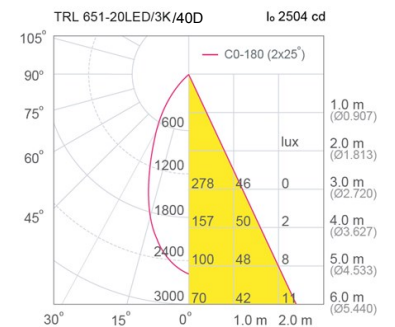
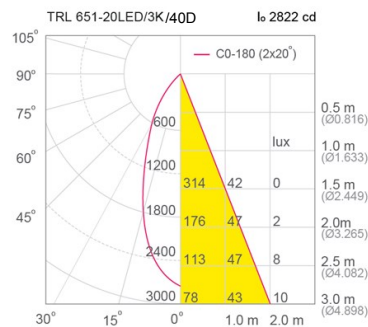
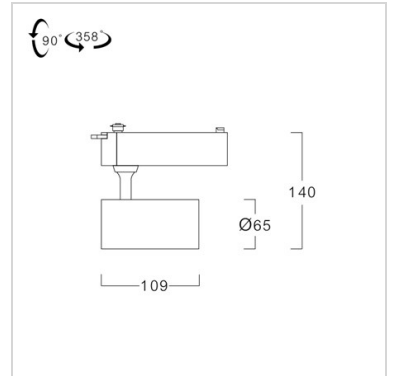
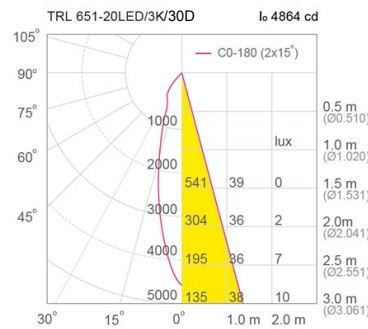
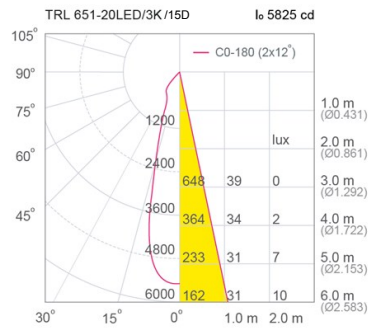
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

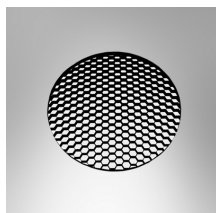
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1320/1426/1544 lm * 20W : 1906/2058/2230 lm **
Beam Angle	14W : 15/24/40/50 Degree 20W : 24/30/40/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W
Remarks	* Value at 24 Degree ** Value at 30 Degree

Ordering Data

Model	Watt
TRL651/WH-14LED	14W
TRL651/WH-20LED	20W



Related Products



Honey comb



TRL801-14/20/23W

LED Spot / Tracklight



TIS TRL801

Application

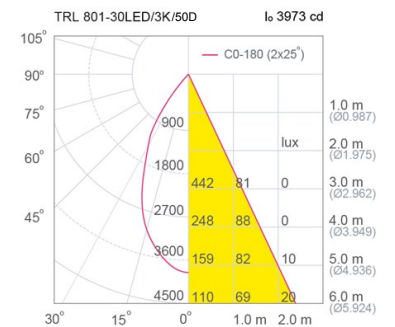
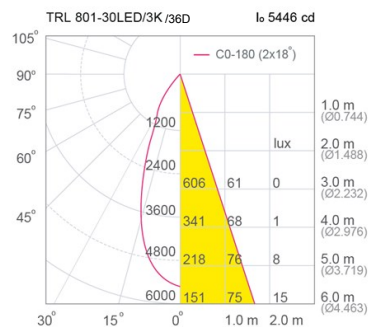
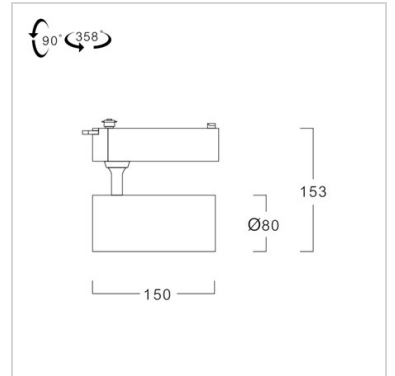
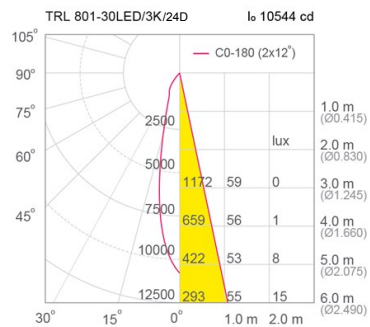
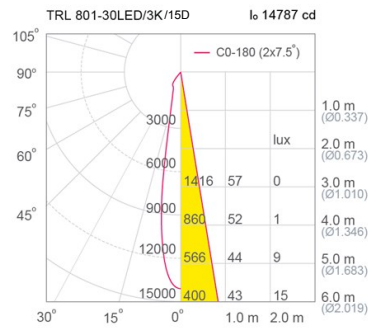
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

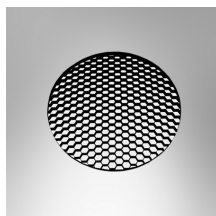
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 23W : 2199/2375/2573 lm * 30W : 2985/3224/3433 lm *
Luminaire Output	
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 30W : MH 70W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL801/WH-23LED	23W
TRL801/WH-30LED	30W



Related Products



Honey comb



TRL651-14/20W

LED Spot / Tracklight



TIS TRL100

Application

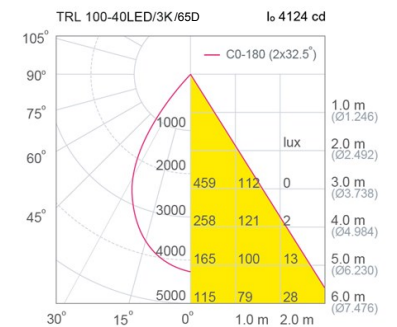
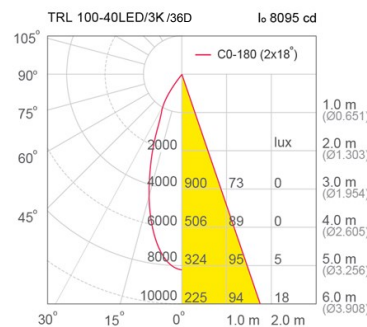
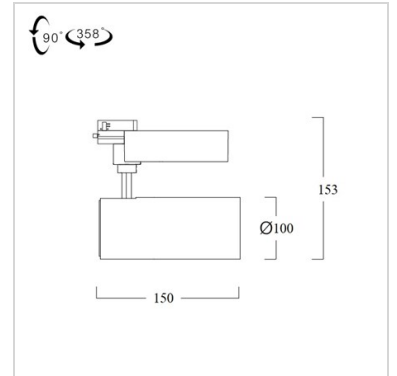
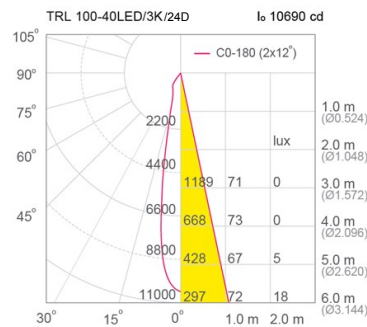
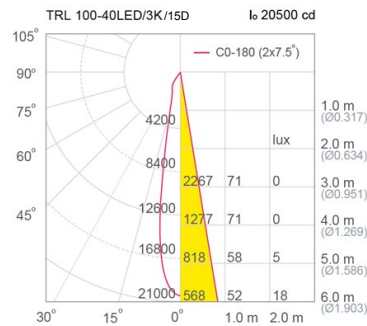
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	30W : 3061/3322/3689 lm * 35W : 3322/3588/3820 lm * 40W : 3689/3947/4169 lm *
Beam Angle	15/24/36/65 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W

Ordering Data

Model	Watt
TRL100/WH-30LED	30W
TRL100/WH-35LED	35W
TRL100/WH-40LED	40W



LED Spot / Tracklight



TIS TRL102

Application

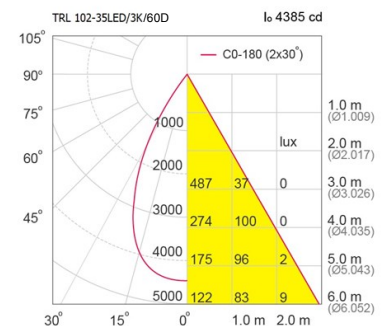
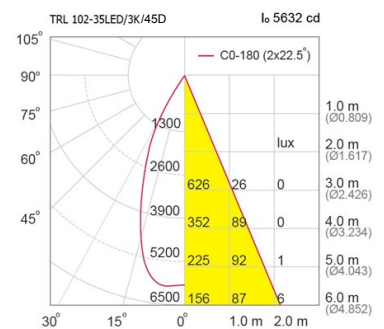
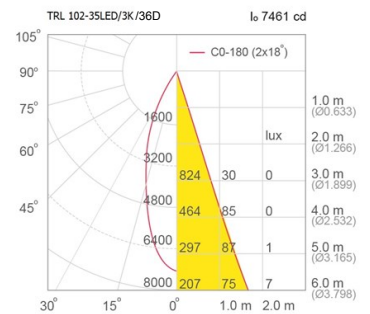
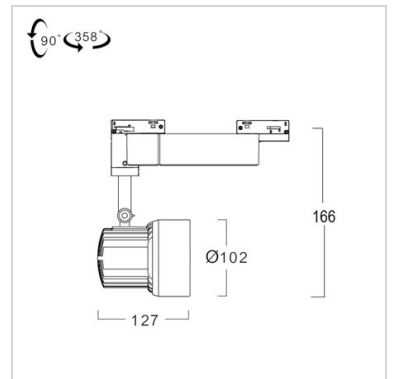
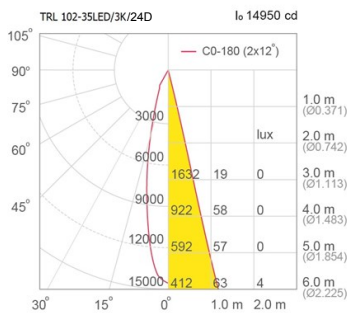
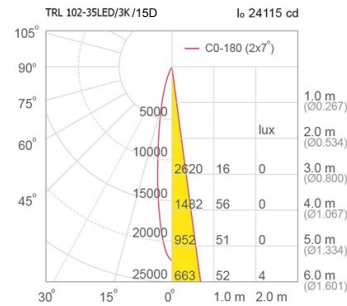
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	23W/30W/35W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W:2570/2786/3045 lm 30W:3427/3715/4060 lm 35W:3855/4179/4568 lm
Luminaire Output	23W:2148/2300/2473 lm * 30W:2860/3070/3300 lm * 35W:3160/3390/3645 lm *
Beam Angle	14/24/36/45/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W:MH 35W 30W:MH 70W 35W:MH 100W

Ordering Data

Model	Watt
TRL102/WH-23LED	23W
TRL102/WH-30LED	30W
TRL102/WH-35LED	35W



LED Spot / Tracklight



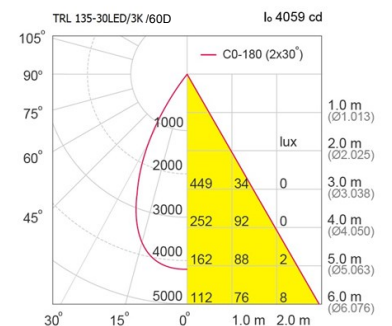
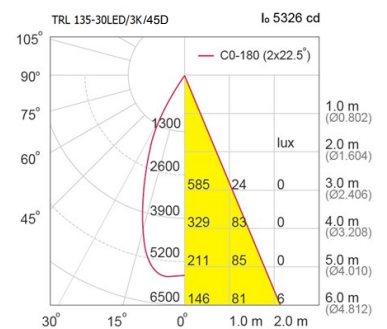
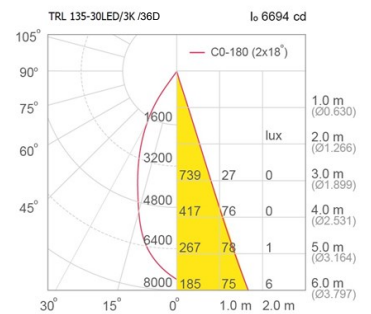
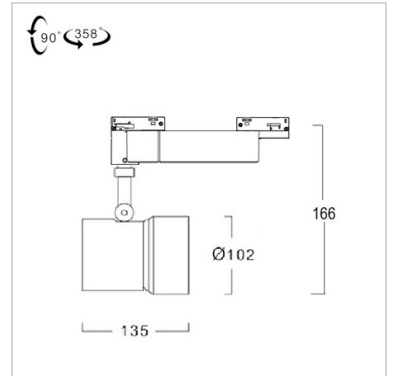
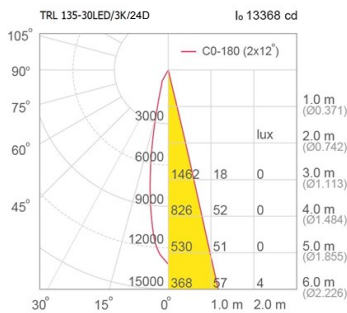
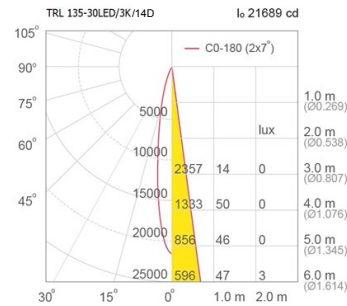
TIS TRL135

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 curcuit lighting track (LTS01/LTR01)
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W:2570/2786/3045 lm 30W:3427/3715/4060 lm
Luminaire Output	23W:2148/2300/2473 lm * 30W:2860/3070/3300 lm *
Beam Angle	14/24/36/45/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W:MH 35W 30W:MH 70W
Remarks	* Value at 24 Degree



LED Spot / Tracklight



 TIS TRL50

Application

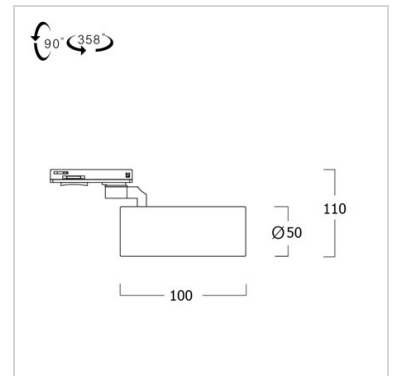
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 960/1032/1224 lm
Luminaire Output	8W : 654/706/840 lm *
Beam Angle	15/38/55 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W
Remarks	* Value at 15 Degree

Ordering Data

Model	Watt
TRL50/WH-8LED	8W



Related Products



LED Spot / Tracklight



TIS TRL65

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

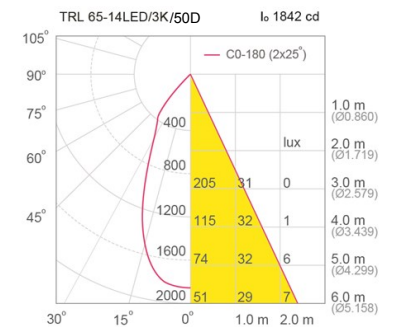
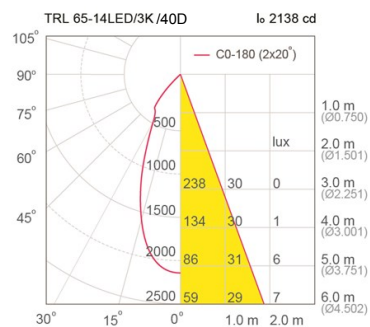
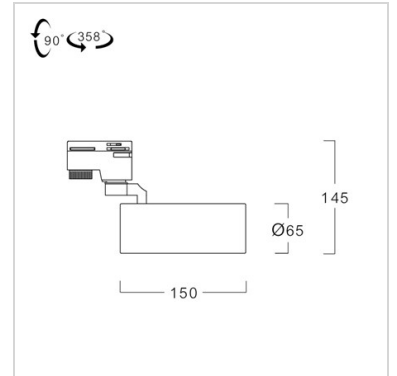
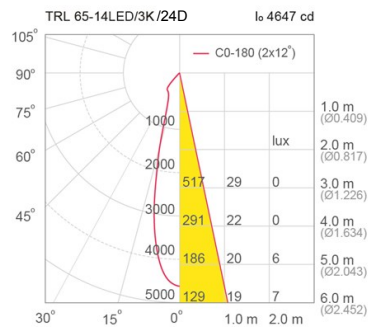
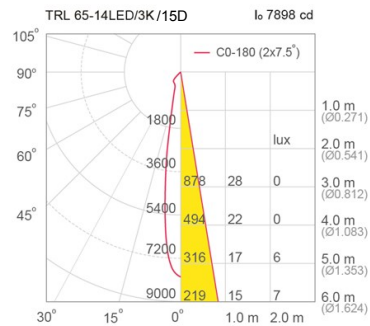
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1540 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W

Remarks

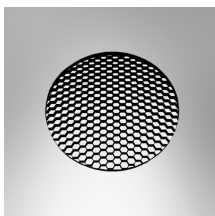
* Value at 24 Degree

Ordering Data

Model	Watt
TRL65/WH-8LED	8W
TRL65/WH-14LED	14W



Related Products



Honey comb



SAL65-8/14W

LED Spot / Tracklight



TIS TRL80

Application

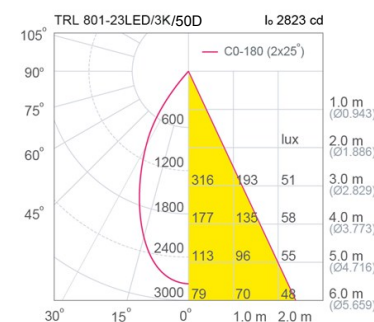
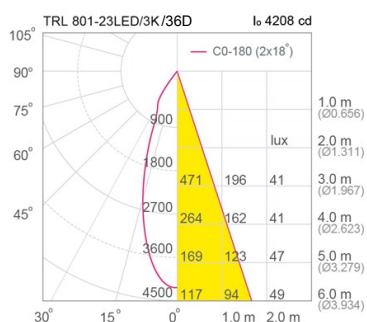
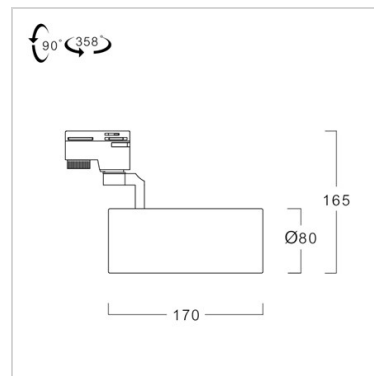
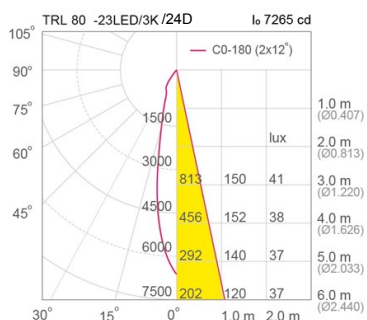
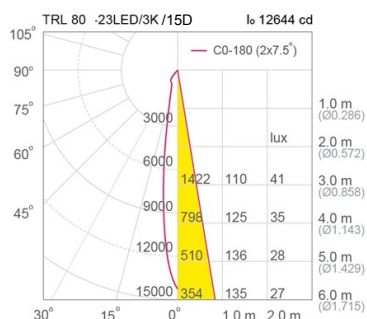
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1355/1464/1586 lm * 20W : 1769/1911/2070 lm * 23W : 2013/2174/2355 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL80/WH-14LED	14W
TRL80/WH-20LED	20W
TRL80/WH-23LED	23W



Related Products



Honey comb



TRL50-8W



TRL65-8/14W



TRL110-20/23/30W

LED Spot / Tracklight



TIS TRL110

Application

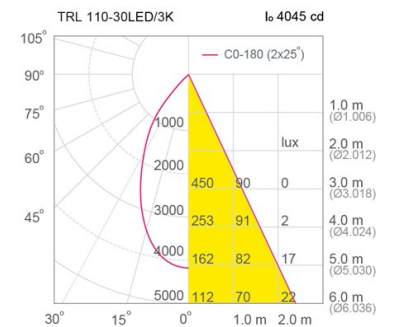
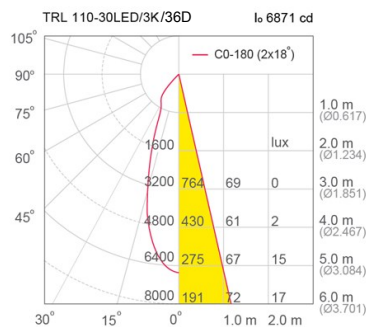
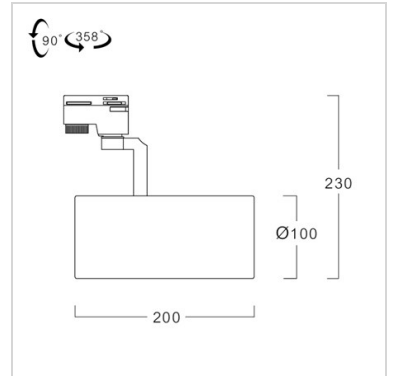
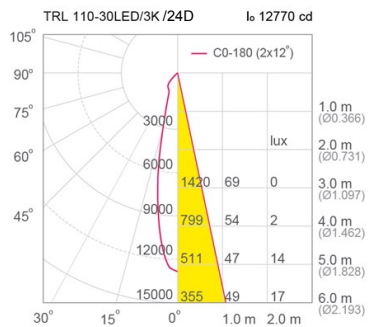
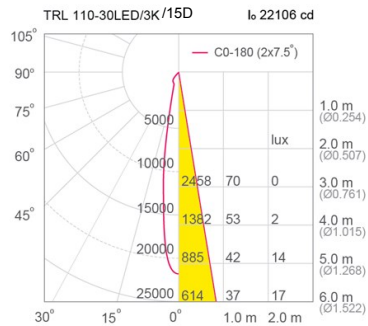
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	20W : 1650/1782/1931 lm * 23W : 2398/2590/2806 lm * 30W : 3208/3465/3689 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL110/WH-20LED	20W
TRL110/WH-23LED	23W
TRL110/WH-30LED	30W



Related Products



LED Spot / Tracklight



TIS TRL119

Application

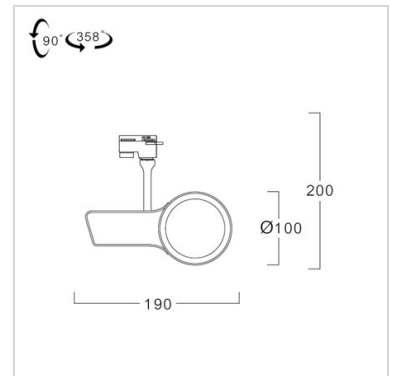
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in black
Mounting	1 phase lighting track (LTS01/LTR01)
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Beam Angle	15/24/36 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W

Ordering Data

Model	Watt
TRL119/BK-30LED	30W
TRL119/BK-35LED	35W
TRL119/BK-40LED	40W



LED Spot / Tracklight



 TIS TRL190

Application

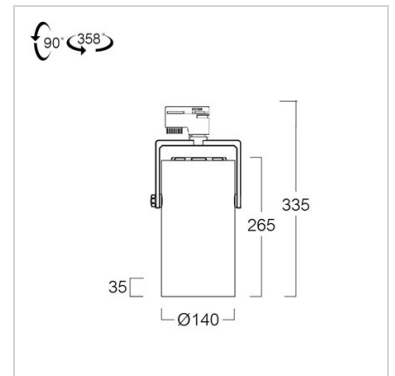
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	56W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	56W : 6220/6660/7095 lm
Beam Angle	15/24/36 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	56W : MH 150W

Ordering Data

Model	Watt
TRL190/WH-56LED	56W



LED Spot / Tracklight



TIS TRL76Z

Application

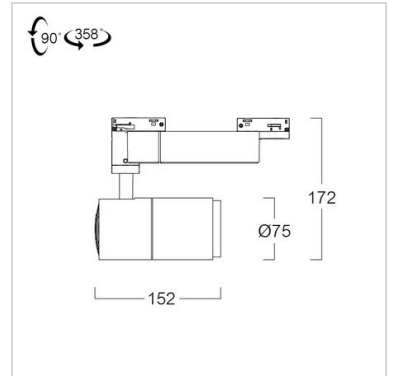
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Beam Angle	15-36/36-60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
TRL76Z/WH-14LED	14W
TRL76Z/WH-20LED	20W
TRL76Z/WH-23LED	23W



Related Products



TRL76-14/20/23W

Lighting Track System



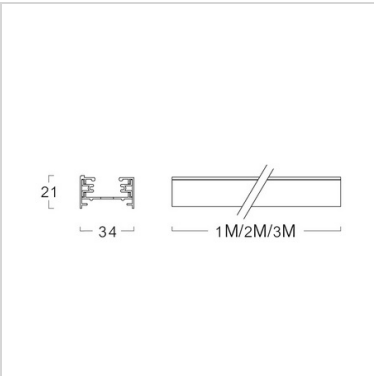
 TIS LTS01

Specification

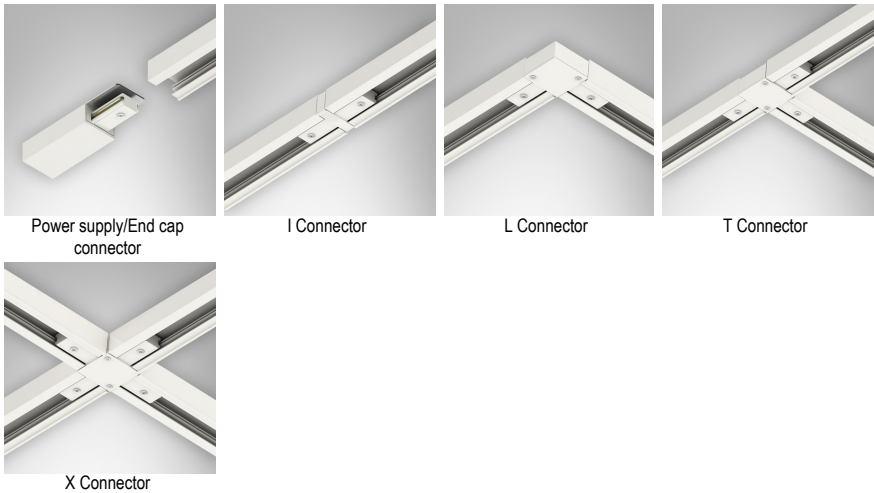
Housing	Extruded aluminium with copper wire for maximum current 15A
Finishing	Powder Coated in white or black
Mounting	Surface
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20

Ordering Data

Model	Watt
LTS01/WH 1.0 m.	-
LTS01/WH 2.0 m.	-
LTS01/WH 3.0 m.	-



Related Products



Lighting Track System



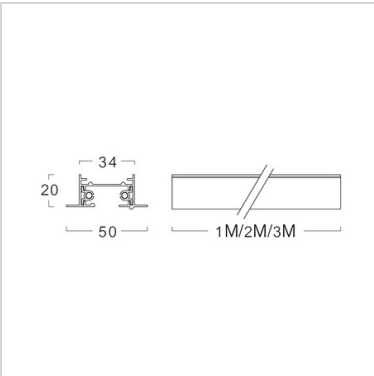
 TIS LTR01

Specification

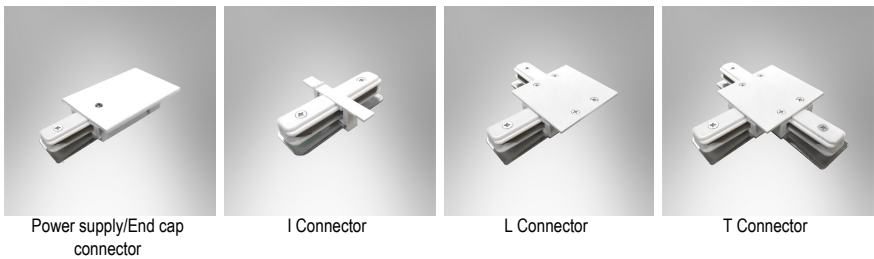
Housing	Extruded aluminium with copper wire for maximum current 15A
Finishing	Powder Coated in white or black
Mounting	Recessed
Power Supply	220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20

Ordering Data

Model	Watt
LTR01/WH 1.0 m.	-
LTR01/WH 2.0 m.	-
LTR01/WH 3.0 m.	-



Related Products



Lighting Track System



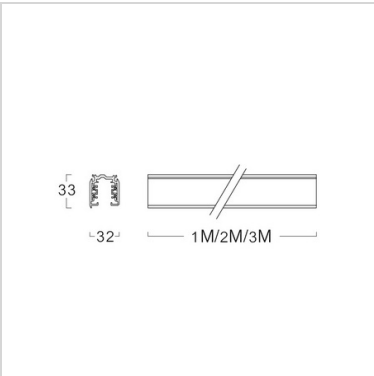
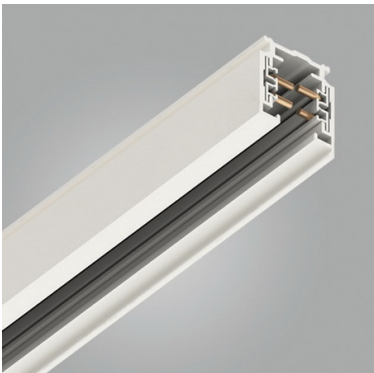
 TIS LTS03

Specification

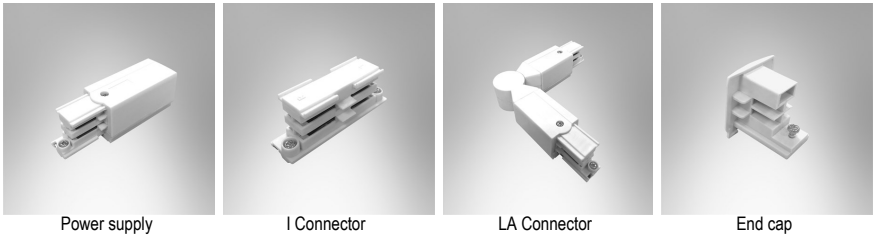
Housing	Extruded aluminium with copper wire for maximum current 15A
Finishing	Powder Coated in white or black
Mounting	Surface
Power Supply	3 Phase 220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20

Ordering Data

Model	Watt
LTS03/WH 1.0 m.	-
LTS03/WH 2.0 m.	-
LTS03/WH 3.0 m.	-



Related Products



Lighting Track System



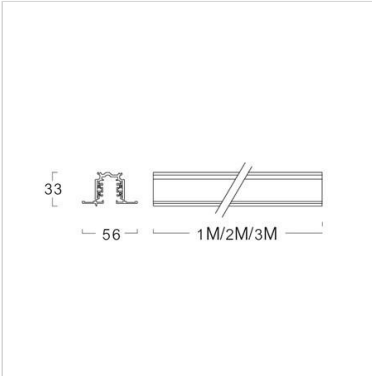
LTR03

Specification

Housing	Extruded aluminium with copper wire for maximum current 15A
Finishing	Powder Coated in white or black
Mounting	Recessed
Power Supply	3 Phase 220VAC 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20

Ordering Data

Model	Watt
LTR03/WH 1.0 m.	-
LTR03/WH 2.0 m.	-
LTR03/WH 3.0 m.	-



Related Products



Power supply



I Connector



End cap



Indoor Lighting

Pendant/Wall/Table/Floor lamps

LED Pendant



PSAL102

Application

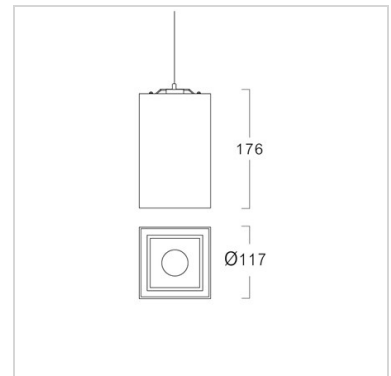
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

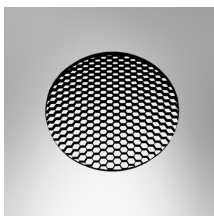
Housing	Die-cast and extruded aluminium
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white or black
Mounting	suspension wires length 1.5 m.
Power	14/20W
Light Source	LED COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm **
Beam Angle	14W : 15 Degree 20W : 26/36/45/55 Degree
UGR	<19
Control Gear	Built-In Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

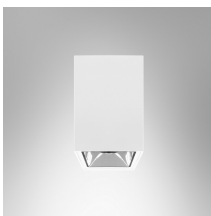
Model	Watt
PSAL102/MI/WH-14LED	14W
PSAL102/MI/WH-20LED	20W



Related Products



Honey Comb



SSAL102-14/20W



PAL102-14/20W



SAL102-14/20W

LED Pendant



TIS PSAL115

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Suspension wire
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W

Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80

Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1394/1503/1634 lm* 20W : 1873/2019/2195 lm* 23W : 2085/2247/2444 lm*

Beam Angle	15/24/36/60 Degree
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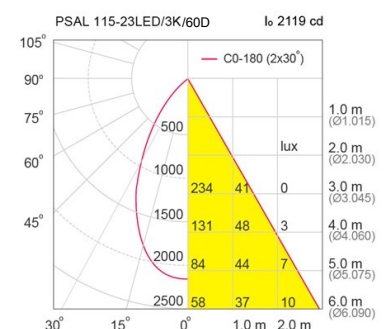
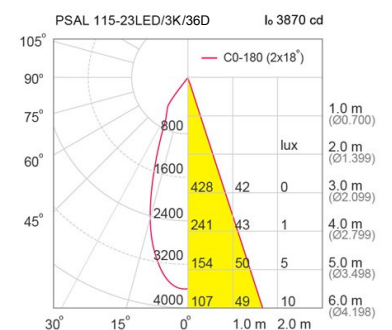
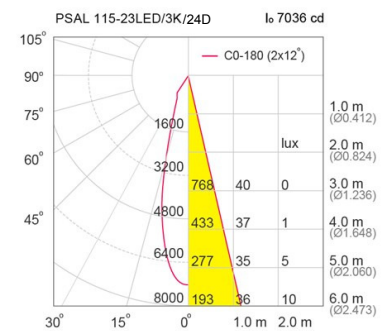
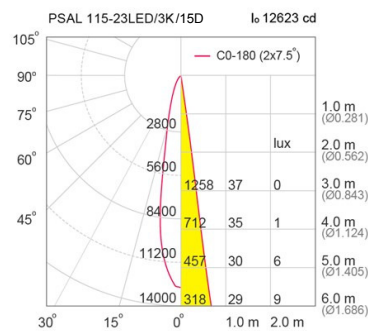
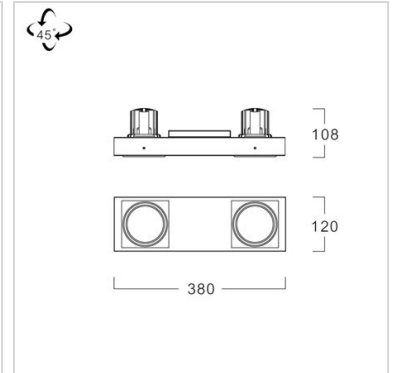
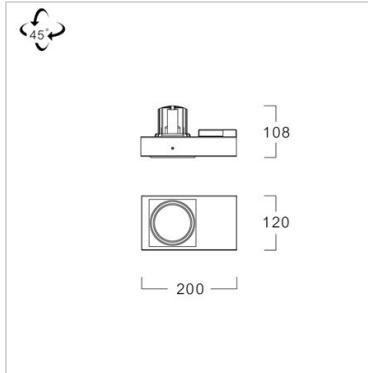
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9

Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

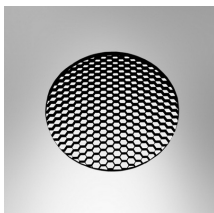
Remarks	*Value at 24 Degree
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Ordering Data

Model	Watt
PSAL115/BK-1x14LED	14W
PSAL115/BK-1x20LED	20W
PSAL115/BK-1x23LED	23W
PSAL115/BK-2x14LED	28W
PSAL115/BK-2x20LED	40W
PSAL115/BK-2x23LED	46W



Related Products



Honey comb



Hood



RSAL115/E-1x14/20/23/30W



RSAL115D/E-1x14/20/23/30W



RAL107D/E-14/20/23/30W



RAL107E-14/20/23/30W



RAL115E-14/20/23/30W



RFL100D/E-14/20/23/30W

LED Pendant



PSAL130

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Suspension wire
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W

Light Source LED-COB

Colour Temperature 3000/4000/5000K

CRI >90/ >90/ >80

Lamp Output 23W : 2635/2845/3090 lm

30W : 3500/3770/4015 lm

35W : 3940/4245/4520 lm

Luminaire Output 23W : 2046/2191/2356 lm*

30W : 2763/2958/3181 lm*

35W : 3081/3231/3547 lm*

Beam Angle 14/24/36/45/60 degree

Control Gear Built-in driver

Power Supply 220VAC 50Hz

Power Factor > 0.9

Insulation Class I

IP Rating 20

Luminaire Lifetime 40,000 hrs.

Equivalent 23W : MH 35W

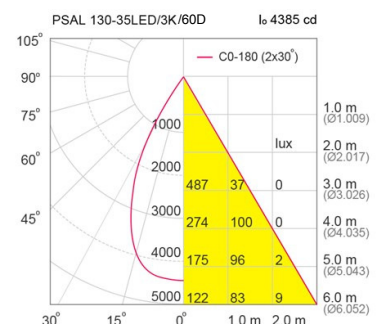
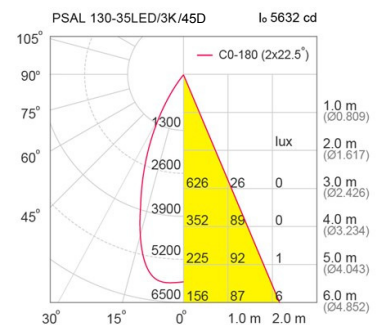
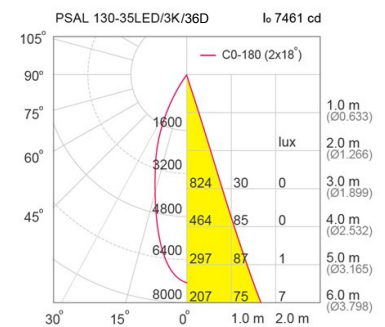
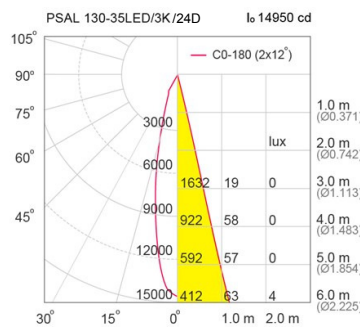
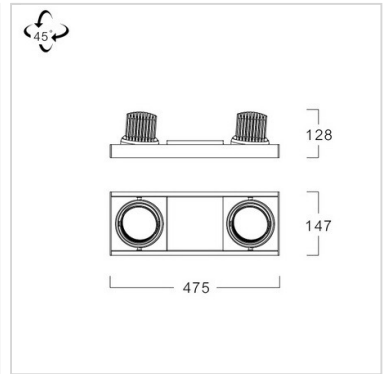
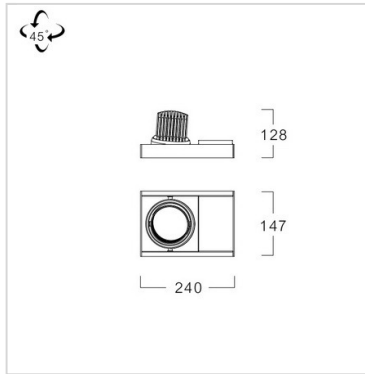
30W : MH 70W

35W : MH 100W

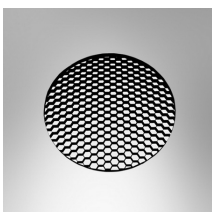
Remarks *Value at 24 Degree

Ordering Data

Model	Watt
PSAL130/WH-1x23LED	23W
PSAL130/WH-1x30LED	30W
PSAL130/WH-1x35LED	35W
PSAL130/WH-2x23LED	46W
PSAL130/WH-2x30LED	60W
PSAL130/WH-2x35LED	70W



Related Products



Honey comb



Hood

LED Pendant



TIS PDL65

Application

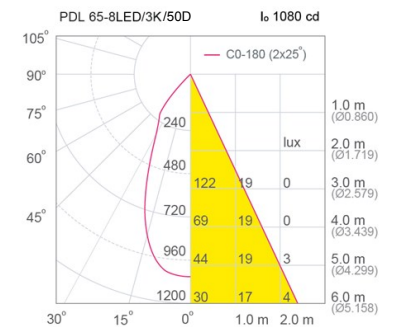
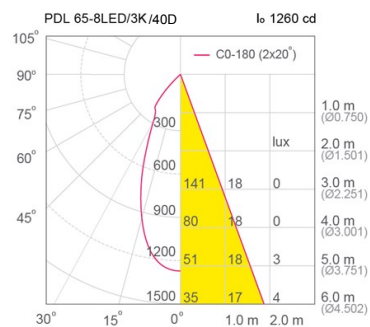
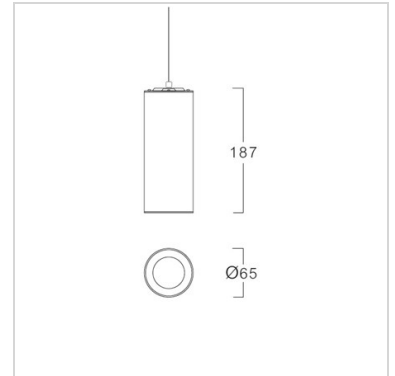
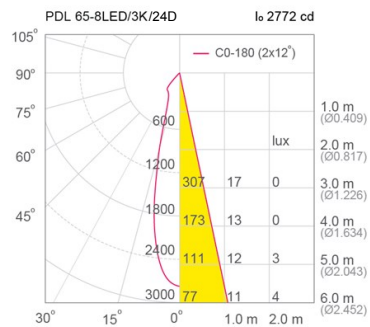
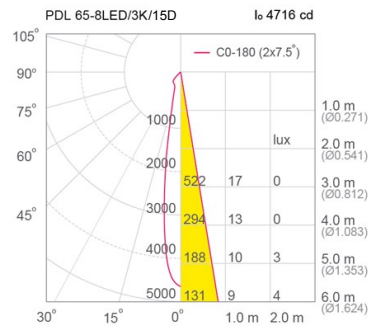
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

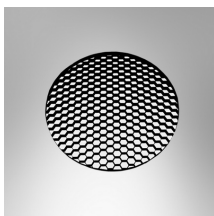
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1540 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
PDL65/WH-8LED	8W
PDL65/WH-14LED	14W



Related Products



Honey comb



TRL65-8/14W



SDL65-8/14W



SAL65-8/14W

LED Pendant



TIS PDL80

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

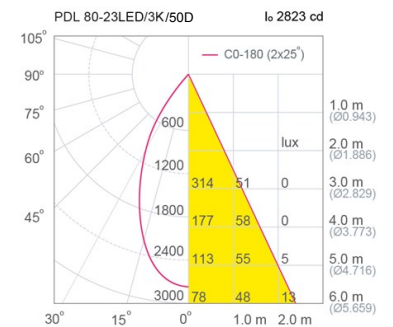
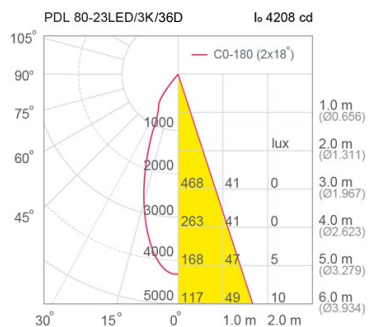
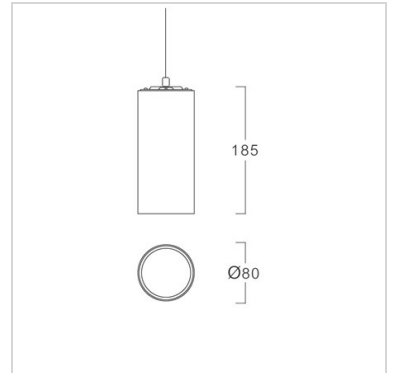
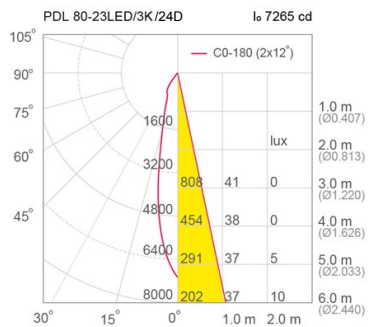
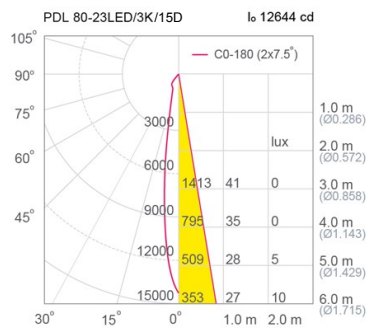
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1355/1464/1581 lm * 20W : 1769/1911/2063 lm * 23W : 2013/2174/2348 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Remarks

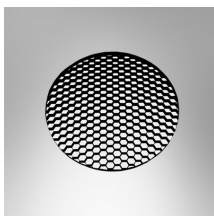
* Value at 24 Degree

Ordering Data

Model	Watt
PDL80/WH-14LED	14W
PDL80/WH-20LED	20W
PDL80/WH-23LED	23W



Related Products



Honey comb



TRL80-14/20/23W



SAL80-14/20/23W



SDL80-14/20/23W

LED Pendant



TIS PDL110

Application

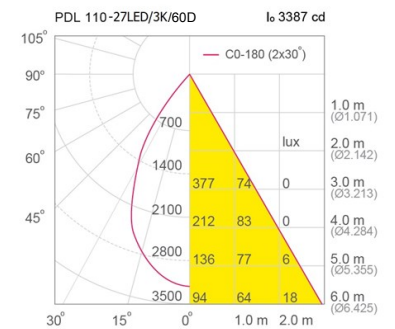
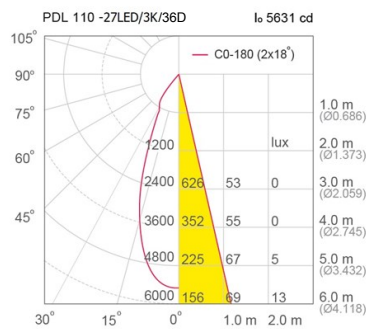
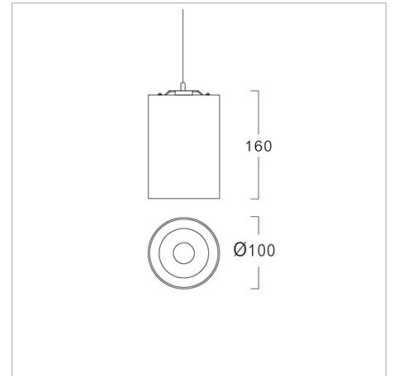
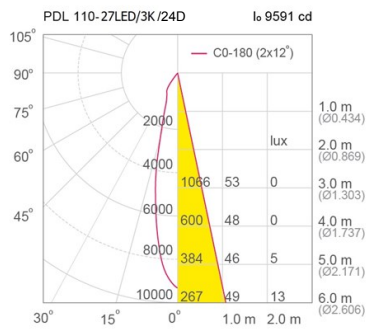
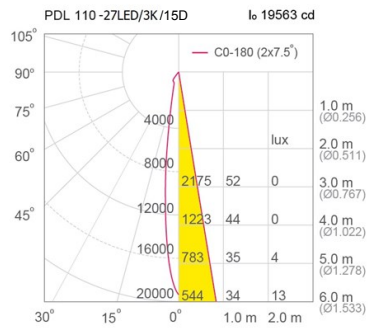
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

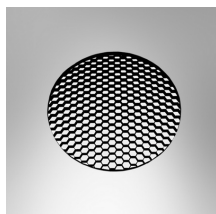
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	20/23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80 *
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	20W : 1805/1950/2112 lm * 23W : 2070/2236/2422 lm * 27W : 2320/2505/2668 lm *
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 27W : MH 70W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
PDL110/WH-20LED	20W
PDL110/WH-23LED	23W
PDL110/WH-27LED	27W



Related Products



Honey comb



TRL110-20/23/30W



TRL80-14/20/23W



TRL65-8/14W



SDL65-8/14W



SDL80-14/20/23W

LED Pendant



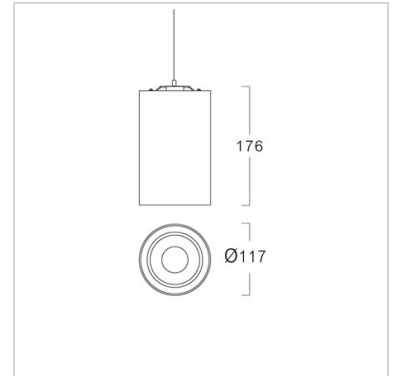
 TIS **PAL102**

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

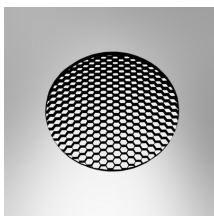
Housing	Die-cast and extruded aluminium
Description	Upper reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white or black
Mounting	suspension wires length 1.50 m.
Power	14/20W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm **
Beam Angle	14W : 15 Degree 20W : 26/36/45/55 Degree
UGR	<19
Control Gear	Built-In Driver
Power Supply	220VAC, 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W:PAR30 75W 20W:MH 20W
Remarks	* Value at 15 Degree ** Value at 36 Degree



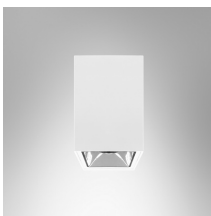
Ordering Data

Model	Watt
PAL102/MI/WH-14LED	14W
PAL102/MI/WH-20LED	20W

Related Products



Honey Comb



SSAL102-14/20W



SAL102-14/20W



PSAL102-14/20W

LED Pendant



LPLL/CT

Application

Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

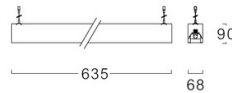
Specification

Housing	Extruded aluminium
Finishing	Powder Coated in grey
Louver	Mirror anodized aluminium
Mounting	Suspension wire
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm
Luminaire Output	1S : 8/9W : 645 lm 1L : 14/16/18W : 1290 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W
Remarks	Option 1.Box with Transparent Wire 1.5m

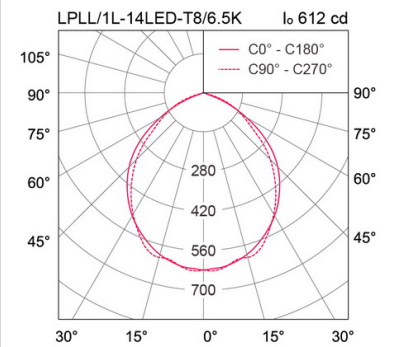
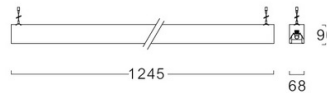
Ordering Data

Model	Watt
LPLL/1S/CT-XXLED-T8	8-9W
LPLL/1L/CT-XXLED-T8	14-18W

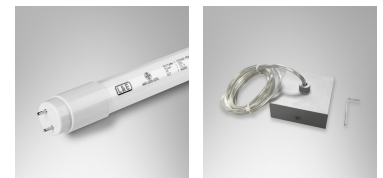
LPLL/1S



LPLL/1L



Related Products



LED-T8

Box with Transparent Wire 1.5m

LPLL105/CT

Application

Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

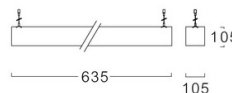
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Matt anodized aluminium
Mounting	Suspension wire
Power	2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S : 16/18W : 1370 lm 2L : 28/32/36W : 2740 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W
Remarks	Option 1.Box with Transparent Wire 1.5m

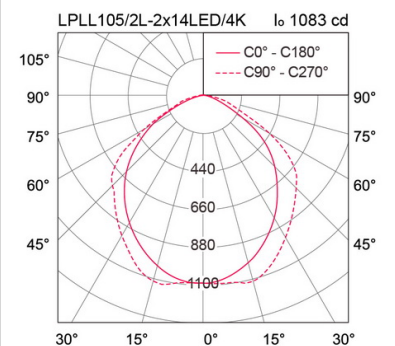
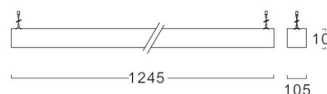
Ordering Data

Model	Watt
LPLL105/2S/CT-XXLED-T8	16-18W
LPLL105/2L/CT-XXLED-T8	28-36W

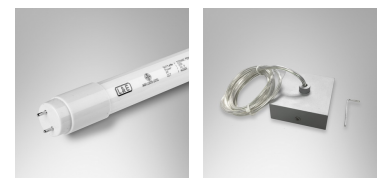
LPLL105/2S



LPLL105/2L



Related Products



LED-T8

Box with Transparent Wire 1.5m

LED Pendant



LPLP/CT

Application

Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

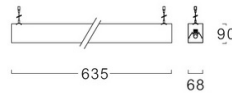
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Suspension wire
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm
Luminaire Output	1S : 8/9W : 645 lm 1L : 14/16/18W : 1290 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W
Remarks	Option 1.Box with Transparent Wire 1.5m

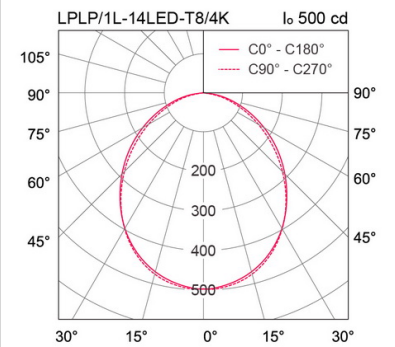
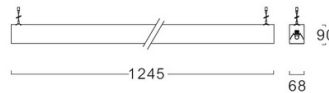
Ordering Data

Model	Watt
LPLP/1S/CT-XXLED-T8	8-9W
LPLP/1L/CT-XXLED-T8	14-18W

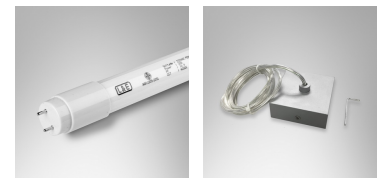
LPLP/1S



LPLP/1L



Related Products



LED-T8

Box with Transparent Wire 1.5m

LPLP105/CT

Application

Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

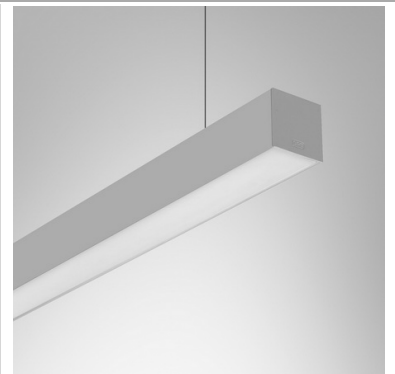
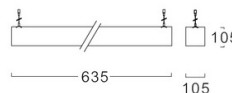
Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Suspension wire
Power	2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S : 16/18W : 1260 lm 2L : 28/32/36W : 2520 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	20
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W
Remarks	Option 1.Box with Transparent Wire 1.5m

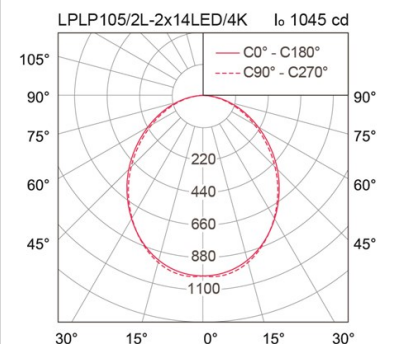
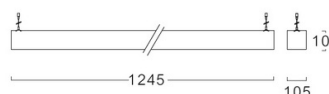
Ordering Data

Model	Watt
LPLP105/2S/CT-XXLED-T8	16-18W
LPLP105/2L/CT-XXLED-T8	28-36W

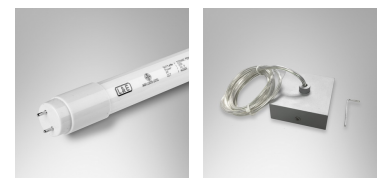
LPLP105/2S



LPLP105/2L



Related Products



LED-T8

Box with Transparent Wire 1.5m

LED Pendant



TIS PLLL

Application

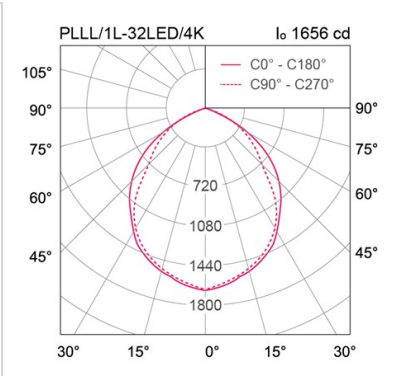
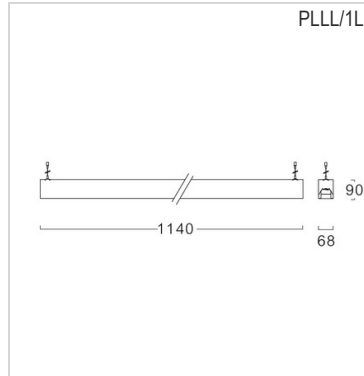
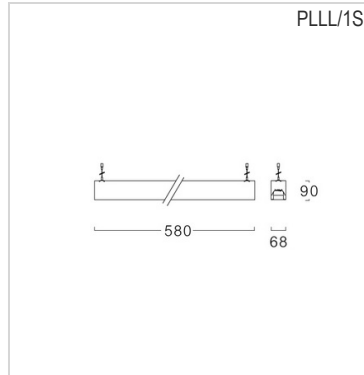
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

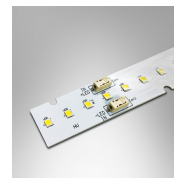
Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Mirror anodized aluminium
Mounting	Suspension wire
Power	11/16/22/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S: 11W : 1225 lm, 16W : 1800 lm 1L: 22W : 2450 lm, 32W : 3600 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	1S:11W:T5 1x14W/T8 1x18W 1S:16W:T5 2x14W/T8 2x18W 1L:22W:T5 1x28W/T8 1x36W 1L:32W:T5 2x28W/T8 2x36W Option:1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

Model	Watt
PLLL/1S-11LED	11W
PLLL/1S-16LED	16W
PLLL/1L-22LED	22W
PLLL/1L-32LED	32W



Related Products



LED Strip Module



Luminaire connector (continued)



Box with Transparent Wire 1.5m

TIS PLLL105

Application

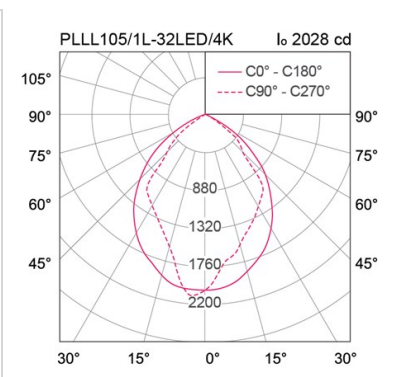
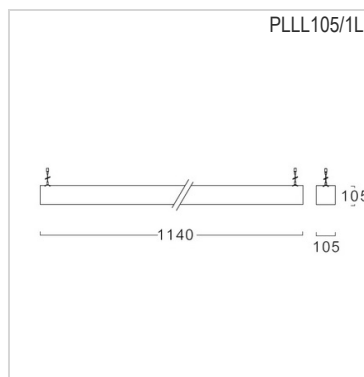
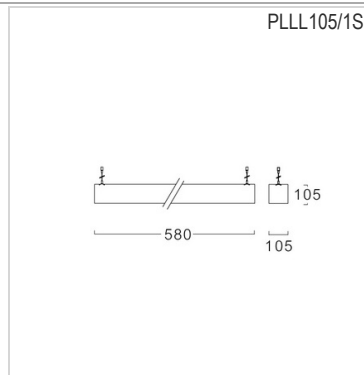
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

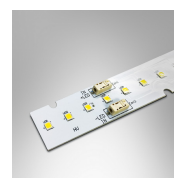
Housing	Extruded aluminium
Finishing	Powder coated in grey
Louver	Matt anodized aluminium
Mounting	Suspension wire
Power	16/32W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:16W : 1950 lm 1L:32W : 3900 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	1S:16W:T5 2x14W/T8 2x18W 1L:32W:T5 2x28W/T8 2x36W Option:1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

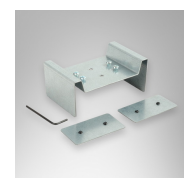
Model	Watt
PLLL105/1S-16LED	16W
PLLL105/1L-32LED	32W



Related Products



LED Strip Module



Luminaire connector (continued)



Box with Transparent Wire 1.5m

LED Pendant



PLLL105/DL

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing

Description

Extruded aluminium

This model is unique design comprises of LED Linear lighting fixture plus LED downlight which is available in various options depending on your requirement to suit for variety of applications.

Furthermore, this model can easily connect to each other for continuous lighting applications.

Finishing

Louver

Mounting

Power

Light Source

Lamp Output

Powder Coated in grey

Matt anodized aluminum

Suspension wire

32W+LED MR16(for Options)

LED Module + LED MR16

LED MR16 : 6W : 2700/3000K : 550lm

LED MR16 : 6W : 4000/6500K : 550 lm

Luminaire Output

1L:32W : 3900 lm

Control Gear

Built-in driver

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

I

IP Rating

20

LED Lifetime

LED MR16 : 6W : 15,000hrs.

Luminaire Lifetime

30,000 hrs.

Equivalent

32W : T5 2x28W/T8 2x36W

MR16 : 35-50W

Remarks

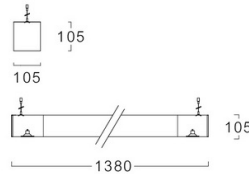
Option

1.Box with Transparent Wire 1.5m

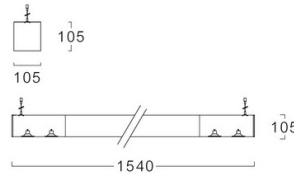
Ordering Data

Model	Watt
PLLL105/1L-32LED+1X1DL(LED MR16)	32W+1X6W
PLLL105/1L-32LED+1X2DL(LED MR16)	32W+2X6W
PLLL105/1L-32LED+2X1DL(LED MR16)	32W+2X6W
PLLL105/1L-32LED+2X2DL(LED MR16)	32W+4X6W

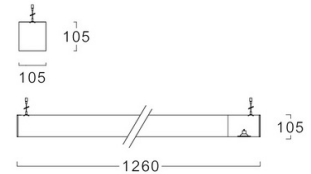
PLLL105/1L+2x1DL(LED MR16)



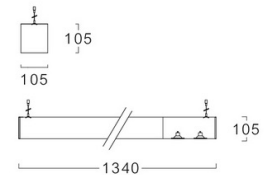
PLLL105/1L+2x2DL(LED MR16)



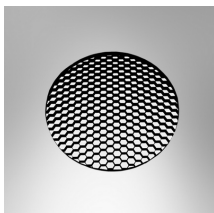
PLLL105/1L+1x1DL(LED MR16)



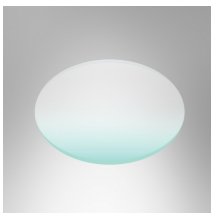
PLLL105/1L+1x2DL(LED MR16)



Related Products



Honey comb



Frosted glass



Anti glare



Hood



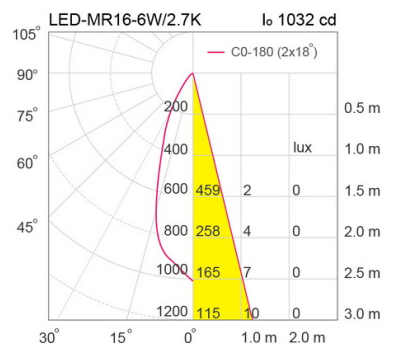
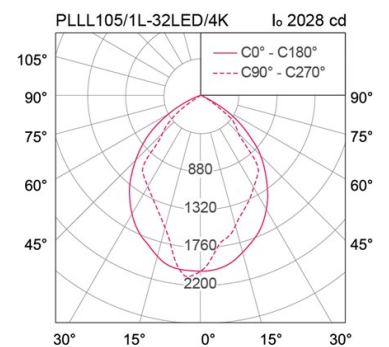
LED Strip Module



LED MR16



Box with Transparent Wire
1.5m



LED Pendant



TIS PLLL/UD

Application

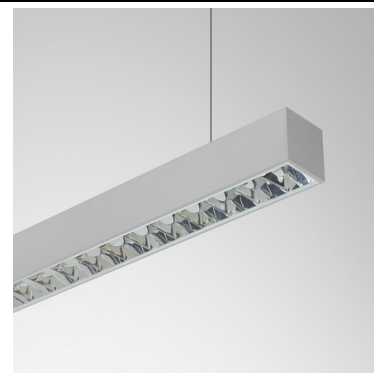
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

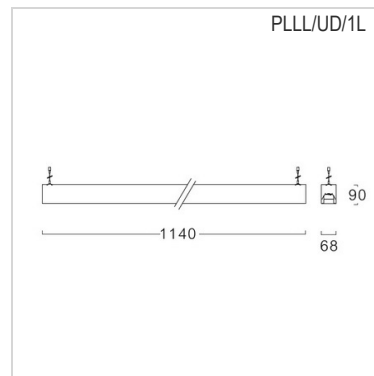
Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in grey
Louwer	Downlight : Mirror anodized aluminium
Diffuser	Uplight : Opal acrylic (PMMA)
Mounting	Suspension wire
Power	44/50/54/60W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1L:44W : 2300/2450 lm 1L:50W : 2300/3080 lm 1L:54W : 2300/3600 lm 1L:60W : 2300/3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option 1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

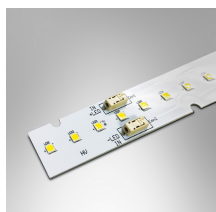
Model	Watt
PLLL/UD/1L-22/22LED	44W
PLLL/UD/1L-22/28LED	50W
PLLL/UD/1L-22/32LED	54W
PLLL/UD/1L-22/38LED	60W



PLLL/UD/1L



Related Products



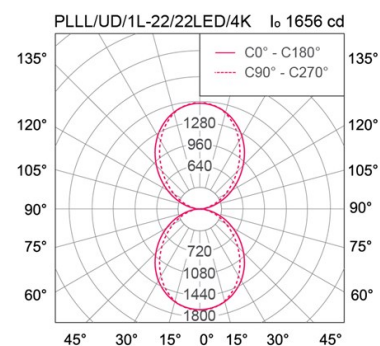
LED Strip Module



Luminaire connector
(continued)



Box with Transparent Wire
1.5m



LED Pendant



TIS LINE P

Application

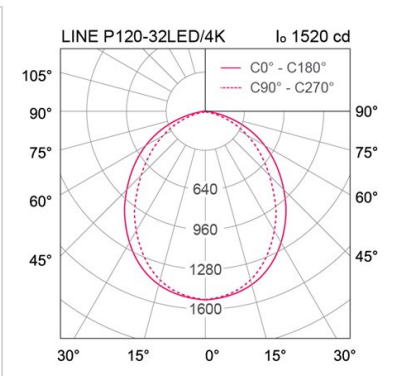
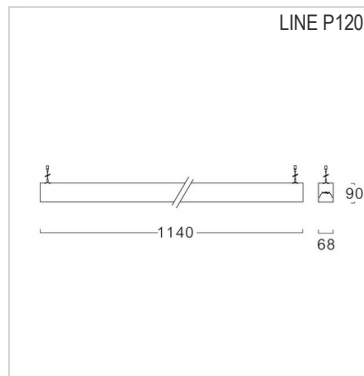
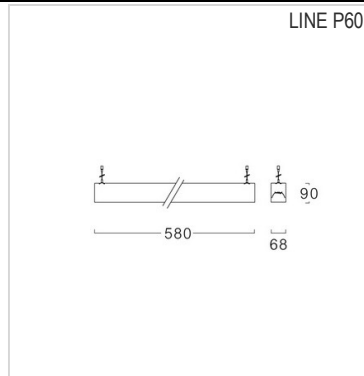
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

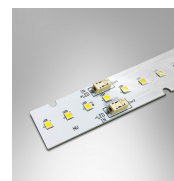
Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Suspension wire
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	P60: 11W : 1150 lm, 14W : 1450 lm P60: 16W : 1700 lm, 19W : 1950 lm P120: 22W : 2300 lm, 28W : 2900 lm P120: 32W : 3400 lm, 38W : 3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
IP Rating	20, Insulation Class : I
Luminaire Lifetime	30,000 hrs.
Remarks	Option:1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

Model	Watt
LINE P60-11LED	11W
LINE P60-14LED	14W
LINE P60-16LED	16W
LINE P60-19LED	19W
LINE P120-22LED	22W
LINE P120-28LED	28W
LINE P120-32LED	32W
LINE P120-38LED	38W



Related Products



LED Strip Module



Luminaire connector (continued)



Box with Transparent Wire 1.5m

TIS PLPL105

Application

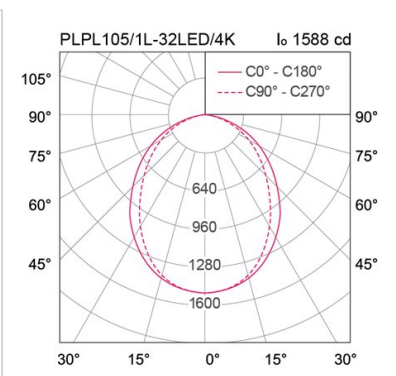
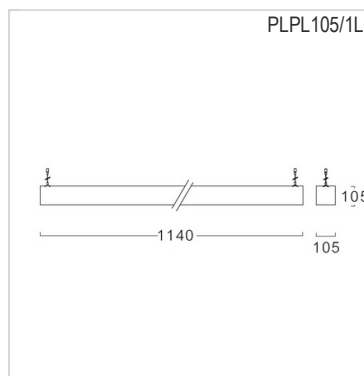
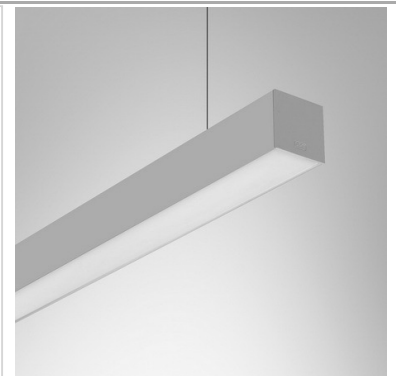
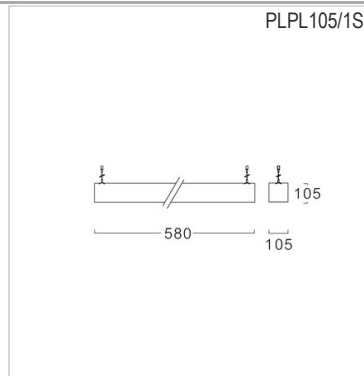
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

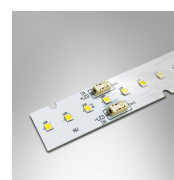
Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Acrylic (PMMA)
Mounting	Suspension wire
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S : 16W : 1840 lm, 1L : 32W : 3680 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
IP Rating	20, Insulation Class : I
Luminaire Lifetime	30,000 hrs.
Remarks	Option:1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

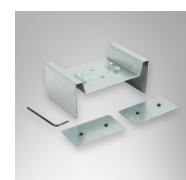
Model	Watt
PLPL105/1S-16LED	16W
PLPL105/1L-32LED	32W



Related Products



LED Strip Module



Luminaire connector (continued)



Box with Transparent Wire 1.5m

LED Pendant



PLPL105/DL

Application

Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

Housing

Extruded aluminium

Description

This model is unique design comprises of LED Linear lighting fixture plus LED downlight which is available in various options depending on your requirement to suit for variety of applications. Furthermore,this model can easily connect to each other for continuous lighting applications.

Finishing

Powder coated in grey

Diffuser

Acrylic (PMMA)

Mounting

Suspension wire

Power

32W+LED MR16(for Options)

Light Source

LED Module + LED MR16

Lamp Output

LED MR16 : 6W : 2700/3000K : 550lm

LED MR16 : 6W : 4000/6500K : 550 lm

Luminaire Output

1L : 32W : 3680 lm

Control Gear

Built-in driver

Power Supply

220VAC 50Hz

Power Factor

> 0.9

Insulation Class

I

IP Rating

20

LED Lifetime

LED MR16 : 6W : 15,000hrs.

Luminaire Lifetime

30,000 hrs.

Equivalent

32W : T5 2x28W/T8 2x36W

MR16 : 35-50W

Remarks

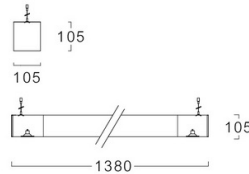
Option

1.Box with Transparent Wire 1.5m

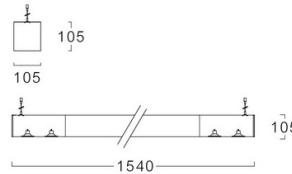
Ordering Data

Model	Watt
PLPL105/1L-32LED+1X1DL(LED MR16)	32W+1X6W
PLPL105/1L-32LED+1X2DL(LED MR16)	32W+2X6W
PLPL105/1L-32LED+2X1DL(LED MR16)	32W+2X6W
PLPL105/1L-32LED+2X2DL(LED MR16)	32W+4X6W

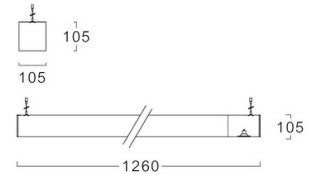
PLPL105/1L+2X1DL(LED MR16)



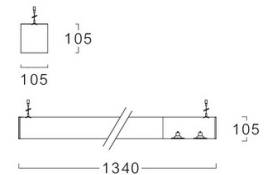
PLPL105/1L+2X2DL(LED MR16)



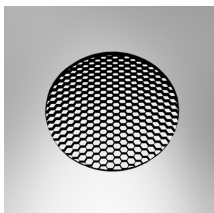
PLPL105/1L+1X1DL(LED MR16)



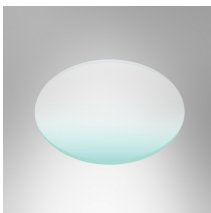
PLPL105/1L+1X2DL(LED MR16)



Related Products



Honey comb



Frosted glass



Anti glare



Hood



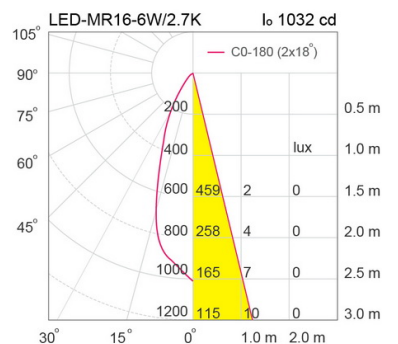
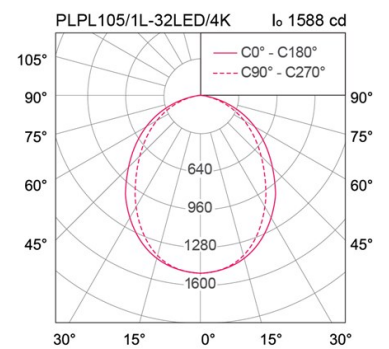
LED Strip Module



LED MR16



Box with Transparent Wire
1.5m



LED Pendant



TIS LINE P120/UD

Application

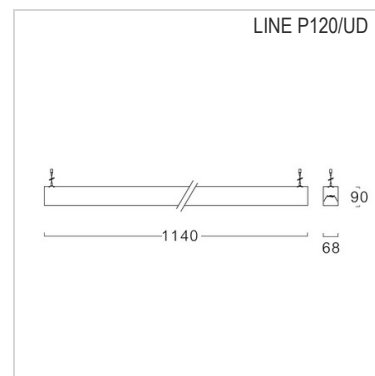
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

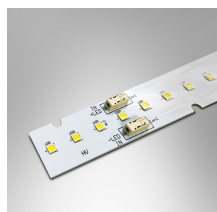
Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in grey
Diffuser	Arylic (PMMA)
Mounting	Suspension wire
Power	44/50/54/60W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1L:44W : 2300/2300 lm 1L:50W : 2300/2900 lm 1L:54W : 2300/3400 lm 1L:60W : 2300/3900 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option 1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

Model	Watt
LINE P120/UD-22/22LED	44W
LINE P120/UD-22/28LED	50W
LINE P120/UD-22/32LED	54W
LINE P120/UD-22/38LED	60W



Related Products



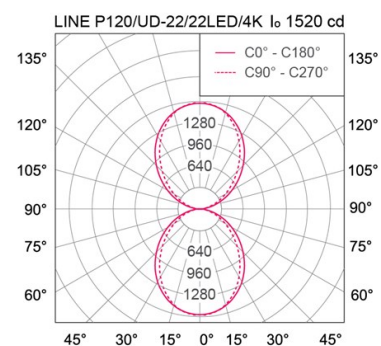
LED Strip Module



Luminaire connector
(continued)



Box with Transparent Wire
1.5m



LED Pendant



TIS PPEL/UGR

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

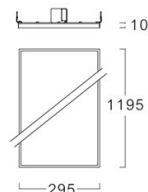
Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Suspension wire
Power	36W
Light Source	LED Module
Colour Temperature	4000/6000K
Luminaire Output	4000/4000 lm
UGR	<19
Control Gear	Separated driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	T5 2x28W/T8 2x36W

Ordering Data

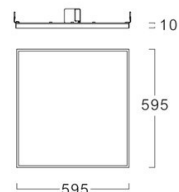
Model	Watt
PPEL300/L/UGR19-36LED	36W
PPEL600/L/UGR16-36LED	36W
PPEL600/S/UGR19-36LED	36W



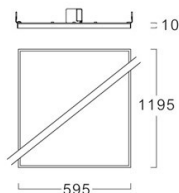
PPEL300/L



PPEL600/S



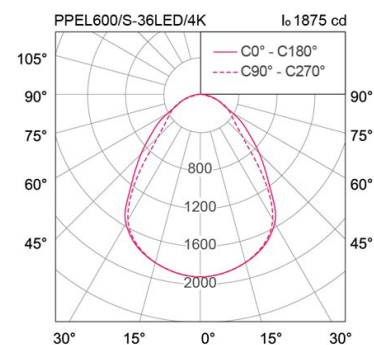
PPEL600/L



Related Products



Suspension wire



LED Pendant



TIS UP48

Application

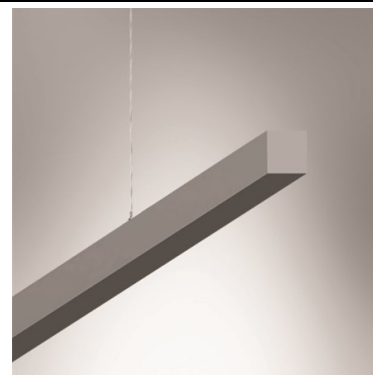
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

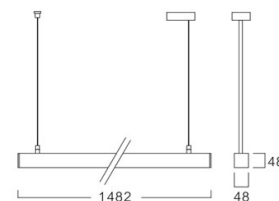
Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	70W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	70W : 10150 lm (Uplight Only) 120 Degree
UGR	<6
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

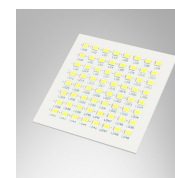
Model	Watt
UP48-70LED	70W



UP48-70LED



Related Products



LED-SMD

TIS UP150

Application

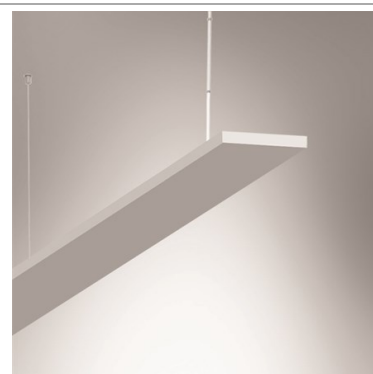
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

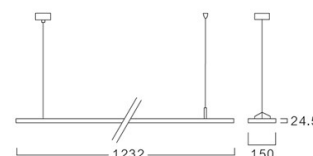
Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	60W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	60W : 7200 lm (Uplight Only) 140 Degree
UGR	<6
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

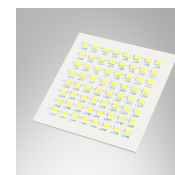
Model	Watt
UP150-60LED	60W



UP150-60LED



Related Products



LED-SMD

LED Pendant



TIS PLL38/UD

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	50W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	50W : 2950lm/2550lm
Beam Angle	115/50 Degree
UGR	<6
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option 1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

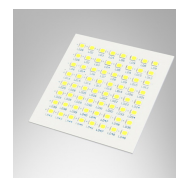
Model	Watt
PLL38/UD-25/25LED	50W



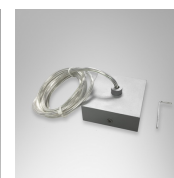
PLL38/UD-25/25LED



Related Products



LED-SMD



Box with Transparent Wire 1.5m

TIS PLL48/UD

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

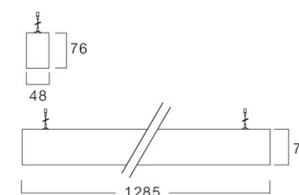
Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	60W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	36W/24W : 4200lm/3250lm
Beam Angle	140/75 Degree
UGR	<15
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option 1.Box with Transparent Wire 1.5m 2.Luminaire connector (Continued)

Ordering Data

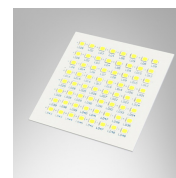
Model	Watt
PLL48/UD-36/24LED	60W



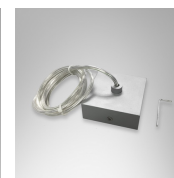
PLL48/UD-36/24LED



Related Products



LED-SMD



Box with Transparent Wire 1.5m

LED Pendant



PLL64/UD

Application

Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

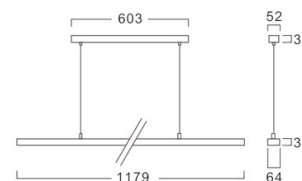
Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	60W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	30W/30W : 3200lm/3200lm
Beam Angle	115/50 Degree
UGR	<6
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

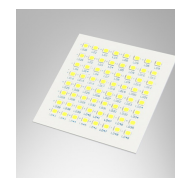
Model	Watt
PLL64/UD-30/30LED	60W



PLL64/UD-30/30LED



Related Products



LED-SMD

PLL160/UD

Application

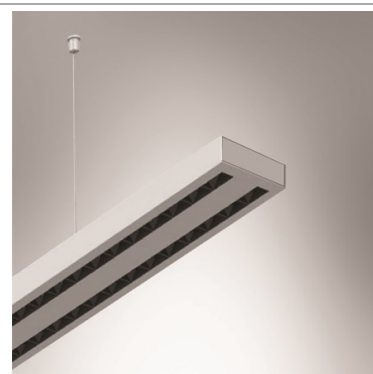
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

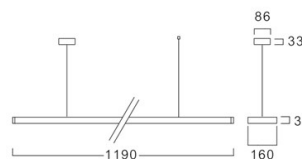
Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	60W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	30W/30W : 3400lm/3300lm
Beam Angle	115/50 Degree
UGR	<6
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Remarks	Option 1.Luminaire connector (Continued)

Ordering Data

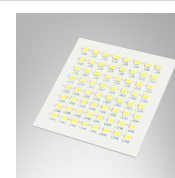
Model	Watt
PLL160/UD-30/30LED	60W



PLL160/UD-30/30LED



Related Products



LED-SMD

LED Pendant



 TIS PPL260/UD

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

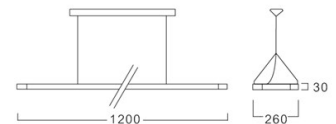
Housing	Extruded aluminium
Finishing	Powder coated in white, silver, black
Mounting	Suspension wire
Power	60W
Light Source	LED-SMD
Colour Temperature	3000/4000/6000K
Luminaire Output	20W/40W : 2000lm/4000lm
Beam Angle	110/90 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

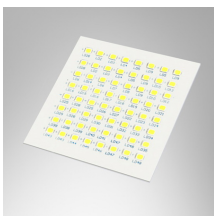
Model	Watt
PPL260/UD-20/40LED	60W



PPL260/UD-20/40LED



Related Products



LED-SMD

LED Pendant



TIS PPL90D

Application

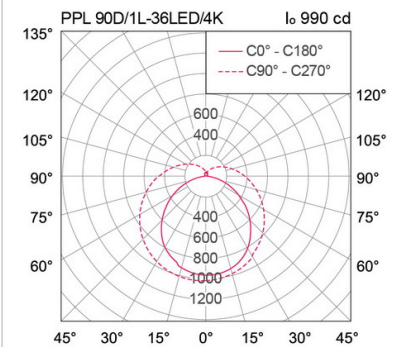
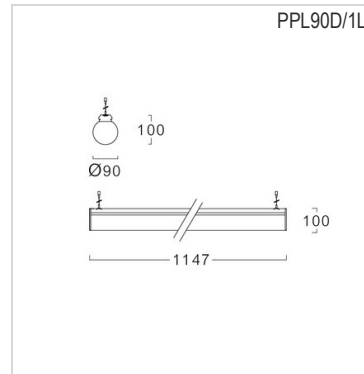
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Excellent transmission opal acrylic
Mounting	Suspension wire
Power	36W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	1L:36W : 4140 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	54
LED Lifetime	30,000 hrs.
Equivalent	36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
PPL90D/1L-36LED	36W



Related Products



LED Strip Module

TIS PPL90

Application

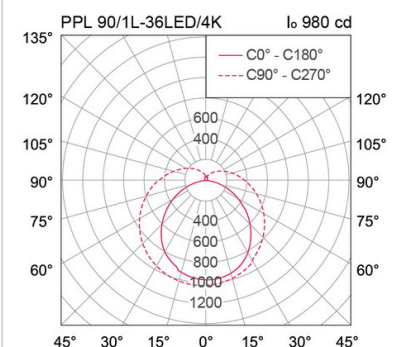
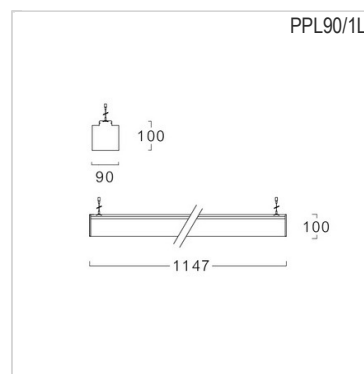
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in grey
Diffuser	Excellent transmission opal acrylic
Mounting	Suspension wire
Power	36W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	1L:36W : 4600 lm
Control Gear	Built-in driver
Power Factor	> 0.9
Insulation Class	I
IP Rating	54
LED Lifetime	30,000 hrs.
Equivalent	36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
PPL90/1L-36LED	36W



Related Products



LED Strip Module

LED Wallmount



TIS WLPL01

Application

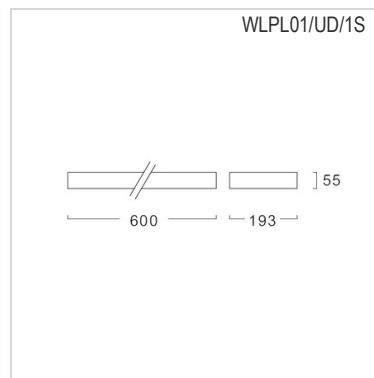
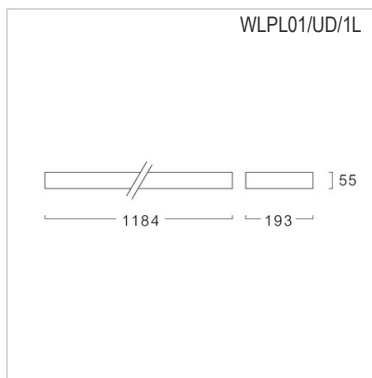
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

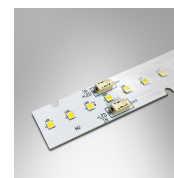
Housing	Extruded aluminium lighting distributions The Luminaire combined with the concept of indirect/direct
Finishing	Powder coated in silver
Diffuser	Opal acrylic (PMMA)
Mounting	Surface
Power	20/40W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:20W : 1535 lm 1L:40W : 3065 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	20W:T5 2x14W/T8 2x18W 40W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
WLPL01/UD/1S-20LED	20W
WLPL01/UD/1L-40LED	40W



Related Products



LED Strip Module

TIS WLPL02

Application

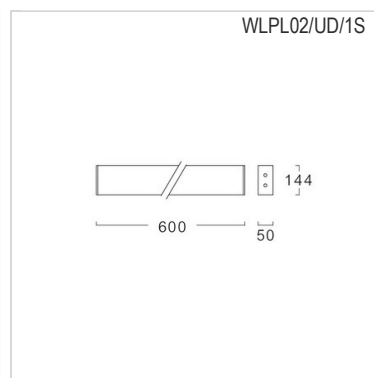
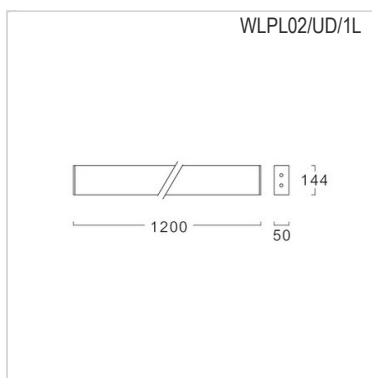
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

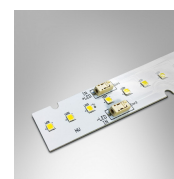
Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in silver
Diffuser	Opal acrylic (PMMA)
Mounting	Surface
Power	20/40W
Light Source	LED Module
Colour Temperature	3000/4000/6500K
Luminaire Output	1S:20W : 1296 lm 1L:40W : 2420 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.
Equivalent	20W:T5 2x14W/T8 2x18W 40W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
WLPL02/UD/1S-20LED	20W
WLPL02/UD/1L-40LED	40W



Related Products



LED Strip Module

LED Wallmount



WLPL225

Application

Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

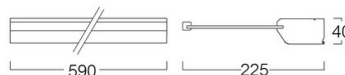
Specification

Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in silver
Diffuser	Excellent transmission opal acrylic
Mounting	Surface
Power	18/36W
Light Source	LED Module
Colour Temperature	4000/6500K
	1S:18W : 1530 lm
	1L:36W : 3060 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	30,000 hrs
Equivalent	18W:T5 2x14W/T8 2x18W
	36W:T5 2x28W/T8 2x36W

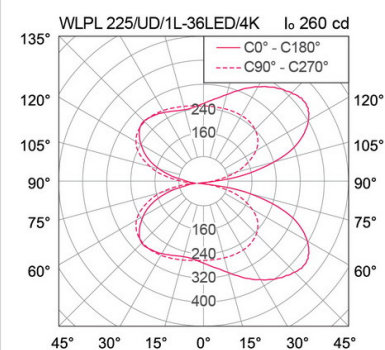
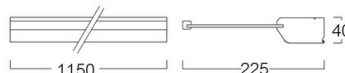
Ordering Data

Model	Watt
WLPL225/UD/1S-18LED	18W
WLPL225/UD/1L-36LED	36W

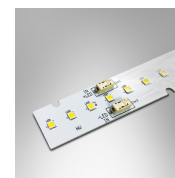
WLPL225/UD/1S



WLPL225/UD/1L



Related Products



LED Strip Module

WLPL265

Application

Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

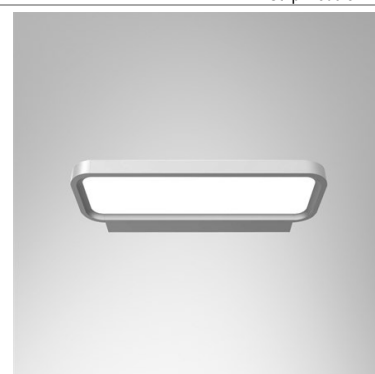
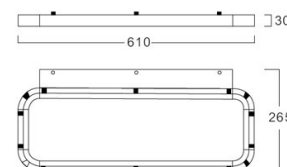
Specification

Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in white, silver, black
Diffuser	Excellent transmission microprismatic
Mounting	Surface
Power	40W
Light Source	LED Module
Colour Temperature	3000/4000/6000K
	20/20W : 1800/1800 lm
Beam Angle	110/90 Degree
UGR	<18
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
LED Lifetime	30,000 hrs

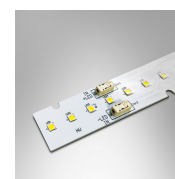
Ordering Data

Model	Watt
WLPL265/UD-40LED	40W

WLPL265/UD



Related Products



LED Strip Module

LED Floor Lamp



TIS FLL52/UD

Specification

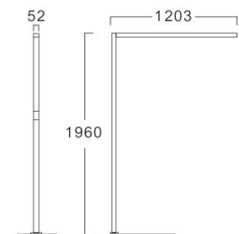
Housing	Extruded aluminium pole & body
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in silver , white
Louver	Special micro reflector and anti-glare
Mounting	Free standing
Power	80W
Light Source	LED-SMD
Colour Temperature	4000/6000K
Luminaire Output	60W/20W : 7200/2400 lm
Beam Angle	140/80 Degree
UGR	<12
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

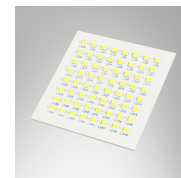
Model	Watt
FLL52/UD-60/20LED	80W



FLL52/UD-60/20LED



Related Products



LED-SMD



TLL52/UD

TIS FLPL310/UD

Specification

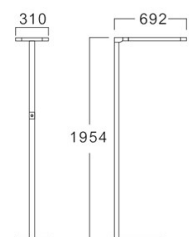
Housing	Extruded aluminium pole & body
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in silver
Diffuser	Excellent transmission microprism
Mounting	Free standing
Power	60W
Light Source	LED Module
Colour Temperature	3000/4000/6000K
Luminaire Output	30W/30W : 3000/3000 lm
Beam Angle	110/90 Degree
UGR	<18
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
IP Rating	20
Luminaire Lifetime	30,000 hrs.

Ordering Data

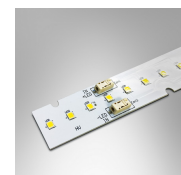
Model	Watt
FLPL310/UD-30/30LED	60W



FLPL310/UD-30/30LED



Related Products



LED Module



TPL310/UD

LED Table Lamp



TIS TLL52/UD

Application

This luminaire is designed to use for office, shopping mall, school, hospitals, desk reading and other working areas where is required highly uniformity illumination, etc.

Specification

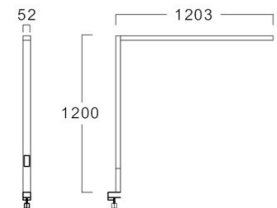
Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in grey
Louver	Special micro reflector and anti-glare
Mounting	Desk light
Power	80W
Light Source	LED Module
Colour Temperature	4000/6000K
Luminaire Output	60W/20W : 7200/2400 lm
Beam Angle	140/80 Degree
UGR	<12
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs
Remarks	Pole height can be maximum 1.5 meter.

Ordering Data

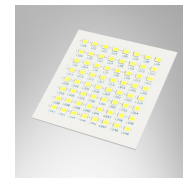
Model	Watt
TLL52/UD-60/20LED	80W



TLL52/UD-60/20LED



Related Products



LED-SMD



FL52/UD-60/20LED

TIS TPL310/UD

Application

This luminaire is designed to use for office, shopping mall, school, hospitals, desk reading and other working areas where is required highly uniformity illumination, etc.

Specification

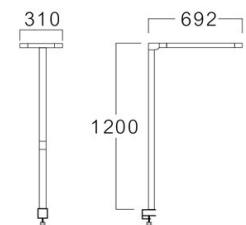
Housing	Extruded aluminium
Description	The Luminaire combined with the concept of indirect/direct lighting distributions
Finishing	Powder coated in grey
Diffuser	Excellent transmission microprism
Mounting	Desk light
Power	60W
Light Source	LED Module
Colour Temperature	4000/6000K
Luminaire Output	30W/30W : 3000/3000 lm
Beam Angle	110/90 Degree
UGR	<18
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	30,000 hrs
Remarks	Pole height can be maximum 1.5 meter.

Ordering Data

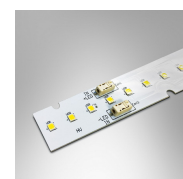
Model	Watt
TPL321/UD-30/30LED	60W



TPL310/UD-30/30LED



Related Products



LED Module



FLPL310/UD



Indoor Lighting

Low/High Bay

LED Low Bay



TIS LBL12

Application

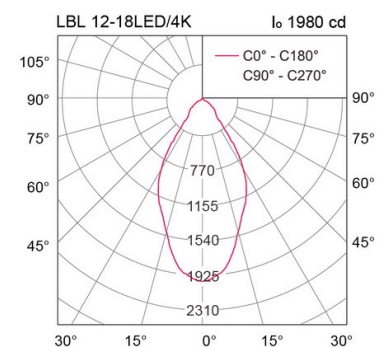
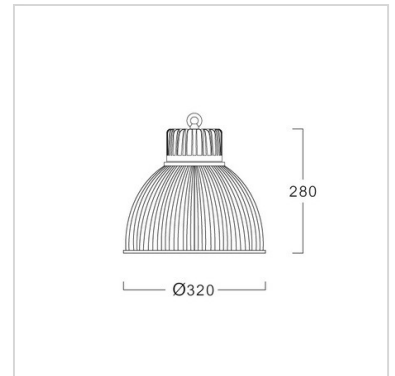
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Acrylic (PMMA)
Dimension	Dia.320x280 mm.
Mounting	Hook or chain suspension
Power	18W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1855/1950 lm
Beam Angle	56 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 2x26W

Ordering Data

Model	Watt
LBL12-18LED	18W



LED Low Bay



TIS LBL20

Application

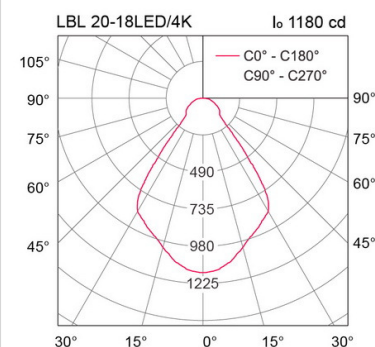
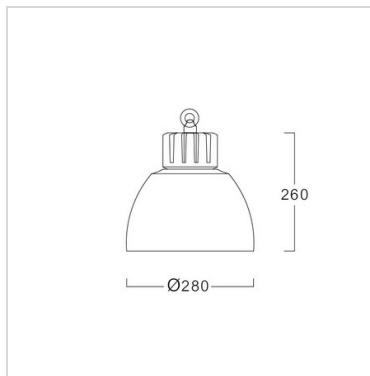
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Reflector	Painted aluminium
Dimension	Dia. 280x260 mm.
Mounting	Hook or chain suspension
Power	18W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1580/1660 lm
Beam Angle	72 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 2x26W

Ordering Data

Model	Watt
LBL20-18LED	18W



TIS LBL25

Application

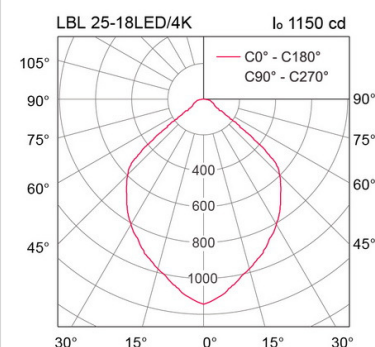
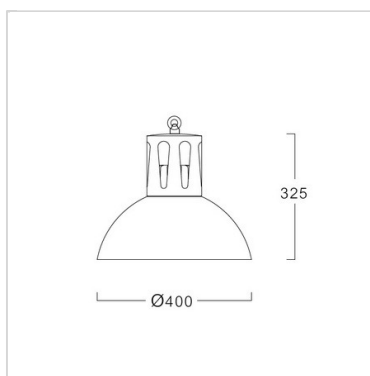
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Reflector	Painted aluminium
Dimension	Dia. 400x325 mm.
Mounting	Hook or chain suspension
Power	18W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1925/2020 lm
Beam Angle	92 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 2x26W

Ordering Data

Model	Watt
LBL25-18LED	18W



LED High Bay



 TIS HBL710

Application

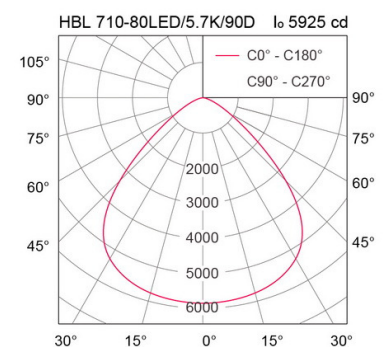
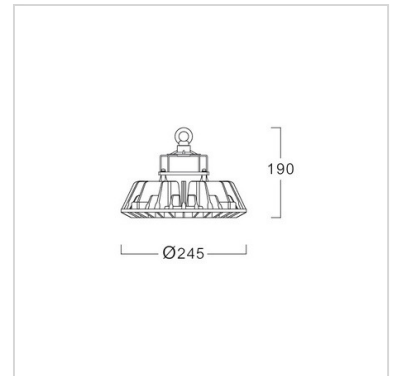
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Dia.245x190 mm.
Mounting	Hook or chain suspension
Power	80W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	11200 lm
Beam Angle	90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
HBL710-80LED	80W



LED High Bay



TIS HBL711

Application

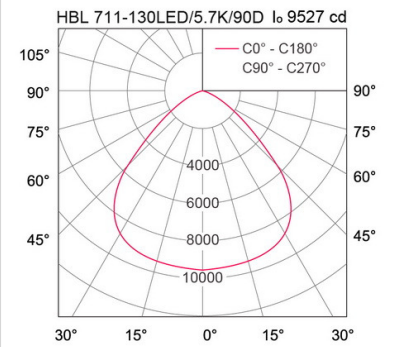
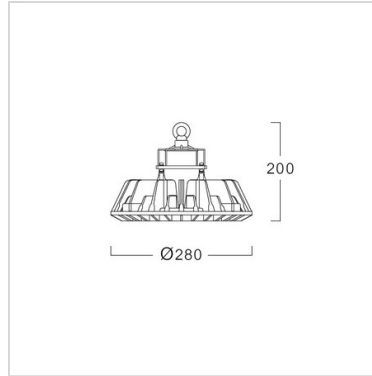
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Dia.280x200 mm.
Mounting	Hook or chain suspension
Power	130W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	18200 lm
Beam Angle	90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.
Equivalent	MH 250W

Ordering Data

Model	Watt
HBL711-130LED	130W



TIS HBL712

Application

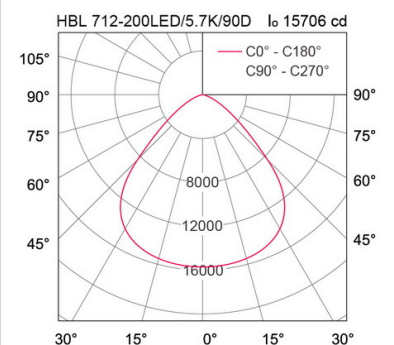
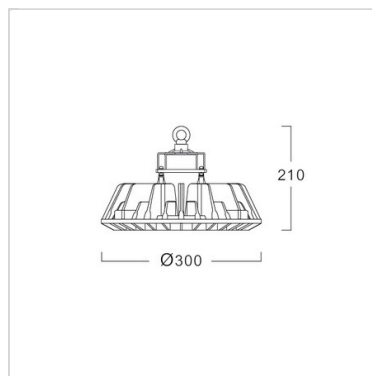
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Dia.300x210 mm.
Mounting	Hook or chain suspension
Power	200W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	28000 lm
Beam Angle	90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.
Equivalent	MH 400W

Ordering Data

Model	Watt
HBL712-200LED	200W



LED High Bay



 TIS HBL730

Application

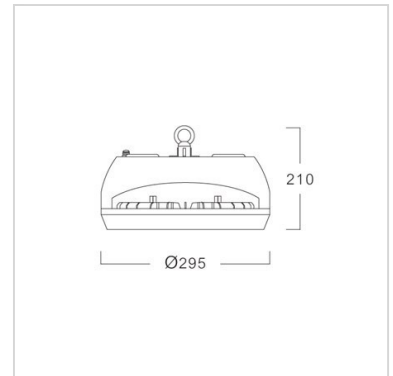
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Dia.295x210 mm.
Mounting	Hook or chain suspension
Power	80W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	11200 lm
Beam Angle	60/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
HBL730-80LED	80W



Related Products



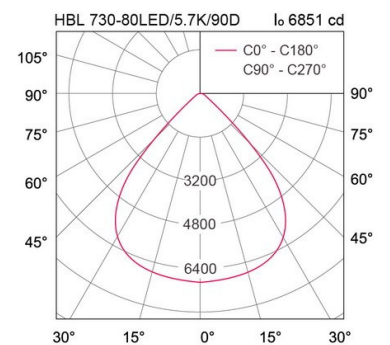
Black aluminium reflector



Polycarbonate reflector



Wire guard



LED High Bay



TIS HBL731

Application

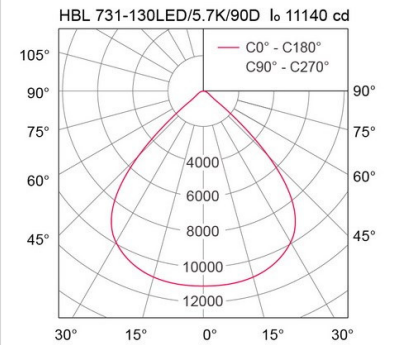
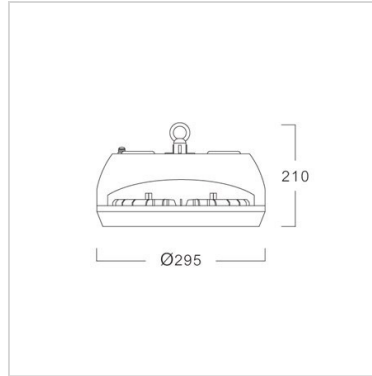
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Dia.295x210 mm.
Mounting	Hook or chain suspension
Power	130W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	18200 lm
Beam Angle	60/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 250W

Ordering Data

Model	Watt
HBL731-130LED	130W



Related Products



Black aluminium reflector



Polycarbonate reflector



Wire guard

TIS HBL732

Application

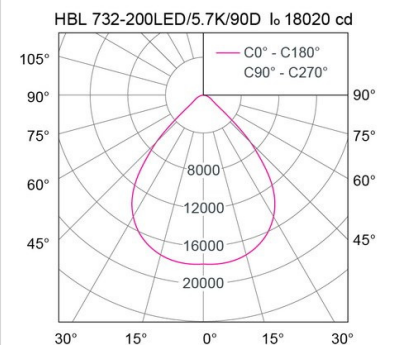
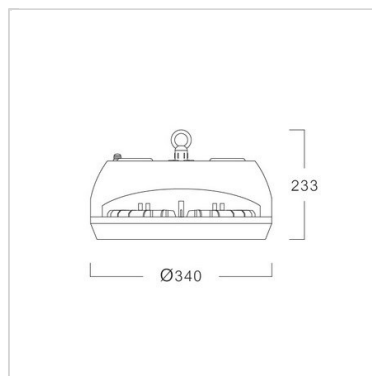
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Dia.340x233 mm.
Mounting	Hook or chain suspension
Power	200W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	28000 lm
Beam Angle	60/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 250W

Ordering Data

Model	Watt
HBL732-200LED	200W



Related Products



Black aluminium reflector



Polycarbonate reflector



Wire guard

LED High Bay



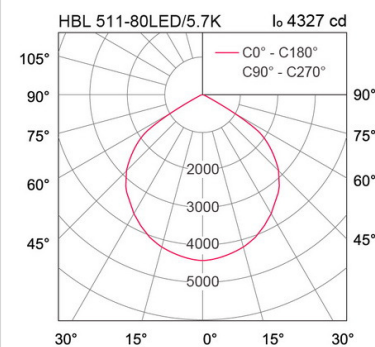
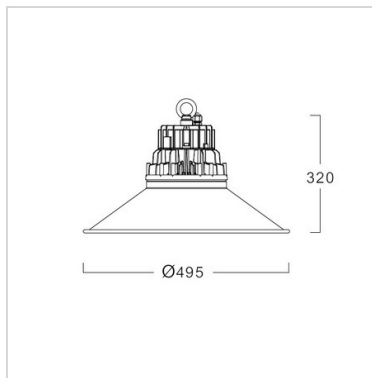
TIS HBL511

Application

Low-high bay is designed to use for shopping malls,supermarkets,discount stores,cloth shops,convenience stores,retail shops,garages,warehouses,storage areas,maintenance areas,production areas,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Gasket	Silicone rubber
Dimension	Dia.495x320 mm.
Mounting	Hook or chain suspension
Power	60/80W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	60W : 7200 lm 80W : 9600 lm
Beam Angle	105 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	60W : MH 100W 80W : MH 150W



Ordering Data

Model	Watt
HBL511-60LED	60W
HBL511-80LED	80W

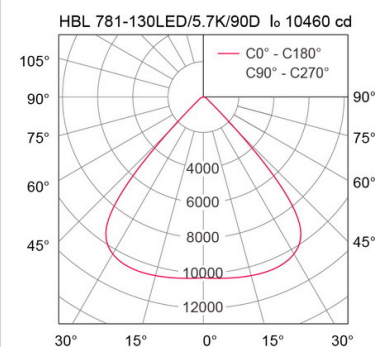
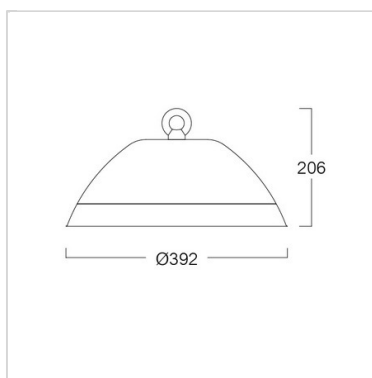
TIS HBL781

Application

Low-high bay is designed to use for shopping malls,supermarkets,discount stores,cloth shops,convenience stores,retail shops,garages,warehouses,storage areas,maintenance areas,production areas,etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Dia.392x206 mm.
Mounting	Hook or chain suspension
Power	130W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	16900 lm
Beam Angle	90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 250W



Ordering Data

Model	Watt
HBL781-130LED	130W

LED High Bay



 TIS HBL35

Application

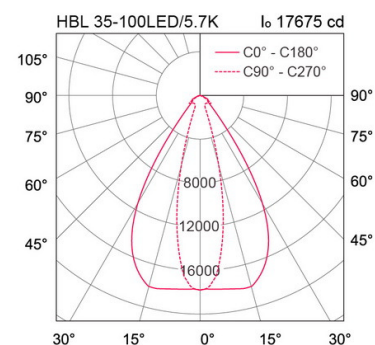
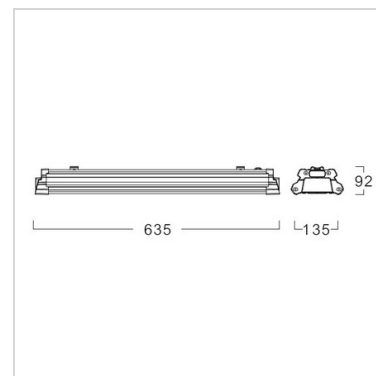
Low-high bay is designed to use for shopping malls, supermarkets, discount stores, cloth shops, convenience stores, retail shops, garages, warehouses, storage areas, maintenance areas, production areas, etc.

Specification

Housing	Extruded and die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	135x635x92 mm.
Mounting	H : Chain suspension S : Surface
Power	100W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	11000 lm
Beam Angle	30x70 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 250W

Ordering Data

Model	Watt
HBL35-100LED/H	100W
HBL35-100LED/S	100W





Special Lighting



Special Lighting

Emergency/Exit sign

LED Emergency / Exit Sign



TIS EGL4

Application

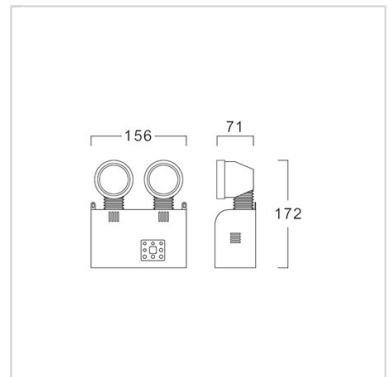
This luminaire is designed to use for safety reason in case of emergency situation.

Specification

Housing	Electro-galvanized steel
Finishing	Epoxy powder coated in white
Charger	Fully automatic solid stage with constant voltage and limit current charging
Battery	Nickel metal hydride, 7.2V 3Ah
Dimension	156x71x172 mm.
Mounting	Surface
Safety	Low-high voltage cut-off to protect under discharge, over charge of battery. AC/DC fuse is well prepared to protect input and output short circuit
Power	2x9W
Light Source	LED Module
Colour Temperature	3500K
Luminaire Output	2x600 lm
Beam Angle	40 degree
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	20
Equivalent	2xHAL 55W
Remarks	3 Hrs. Back-up time

Ordering Data

Model	Watt
EGL4-209LED	9W



LED Emergency / Exit Sign



 TIS **ESL3**

Application

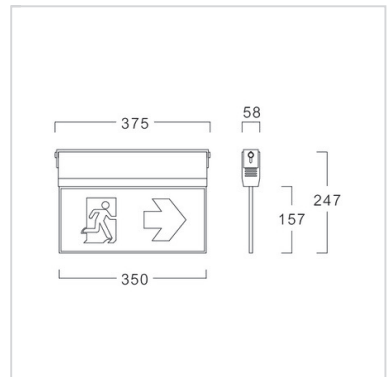
This luminaire is designed to use for safety reason in case of emergency situation.

Specification

Housing	Die-formed cold rolled steel
Finishing	Powder coated in white
Charger	Fully automatic solid stage with constant voltage and limit current charging
Battery	Nickel metal hydride, 3.6V 2.1Ah
Dimension	375x58x247 mm.
Mounting	Surface ceiling mount
Safety	Low-high voltage cut-off to protect under discharge, over charge of battery. AC/DC fuse is well prepared to protect input and output short circuit
Power	10W
Light Source	LED Module
Power Supply	220VAC 50Hz
Power Factor	> 0.65
Insulation Class	I
IP Rating	20
Equivalent	T8 10W
Remarks	3 Hrs. Back-up time

Ordering Data

Model	Watt
ESL3/D-10LED	10W
ESL3/S-10LED	10W



Face design



LED Emergency / Exit Sign



 TIS ERL3

Application

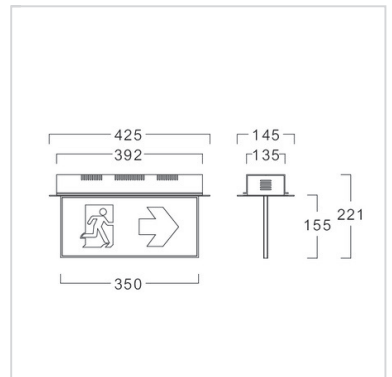
This luminaire is designed to use for safety reason in case of emergency situation.

Specification

Housing	Die-formed cold rolled steel
Finishing	Powder coated in white
Charger	Fully automatic solid stage with constant voltage and limit current charging
Battery	Nickel metal hydride, 3.6V 2.1Ah
Dimension	425x145x221 mm.
Mounting	Recessed ceiling mounted
Safety	Low-high voltage cut-off to protect under discharge, over charge of battery. AC/DC fuse is well prepared to protect input and output short circuit
Power	10W
Light Source	LED Module
Power Supply	220VAC 50Hz
Power Factor	> 0.65
Insulation Class	I
IP Rating	20
Equivalent	T8 10W
Remarks	3 Hrs. Back-up time

Ordering Data

Model	Watt
ERL3/D-10LED	10W
ERL3/S-10LED	10W



Face design



LED Emergency / Exit Sign



 TIS EWL3

Application

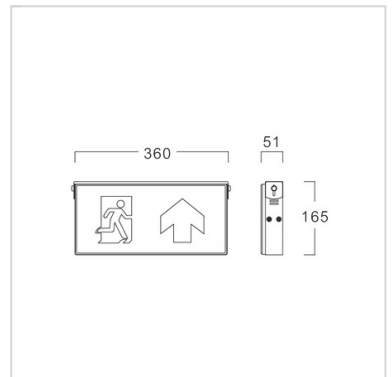
This luminaire is designed to use for safety reason in case of emergency situation.

Specification

Housing	Die-formed cold rolled steel
Finishing	Powder coated in white
Charger	Fully automatic solid stage with constant voltage and limit current charging
Battery	Nickel metal hydride, 3.6V 2.1Ah
Dimension	360x51x165 mm.
Mounting	Surface wall mounted
Safety	Low-high voltage cut-off to protect under discharge, over charge of battery. AC/DC fuse is well prepared to protect input and output short circuit
Power	10W
Light Source	LED Module
Power Supply	220VAC 50Hz
Power Factor	> 0.65
Insulation Class	I
IP Rating	20
Equivalent	T8 10W
Remarks	3 Hrs. Back-up time

Ordering Data

Model	Watt
EWL3/D-10LED	10W
EWL3/S-10LED	10W



Face design





Special Lighting

Clean room/Cold room/Wheatherproof

LED Clean Room



TIS LRCRM300/FO/CT

Application

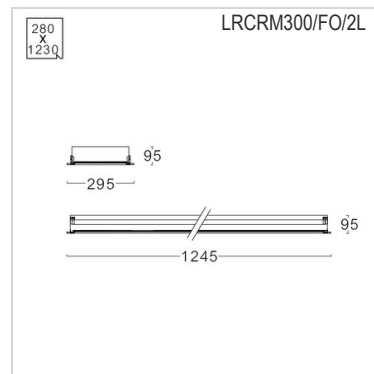
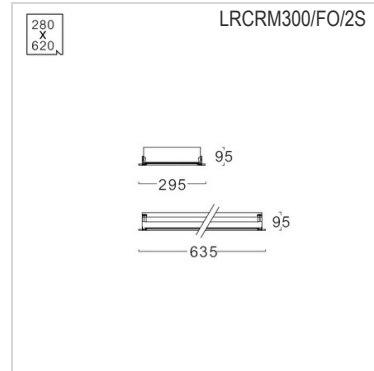
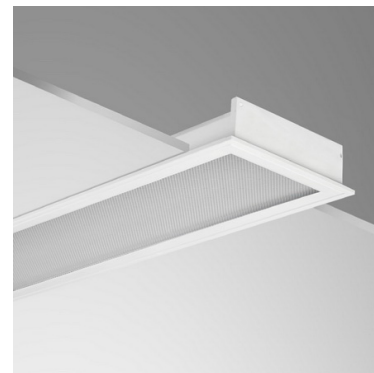
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S:16/18W : 1525 lm 2L:28/16/36W : 3050 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	50
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-18W:T5 2x14W/T8 2X18W 28-36W:T5 2x28W/T8 2X36W

Ordering Data

Model	Watt
LRCRM300/FO/2S/CT-XXLED-T8	16-18W
LRCRM300/FO/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8

LED Clean Room



TIS LRCRM600/FO/CT

Application

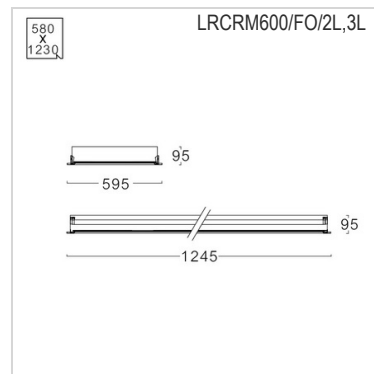
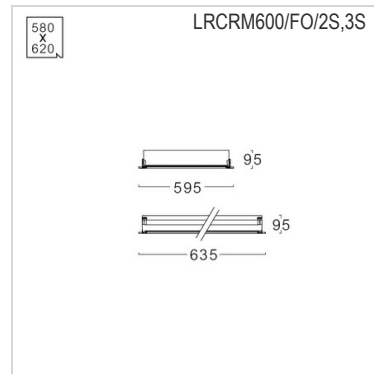
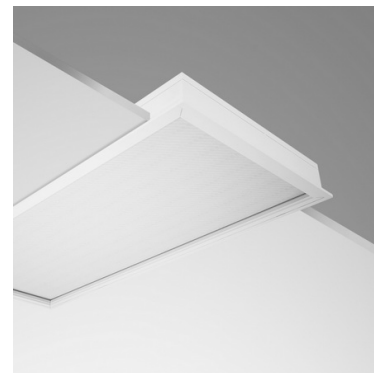
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S:16-20W (2 lamps) 3S:24-30W (3 lamps) 2L:28-40W (3 lamps) 3L:42-60W (3 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 3S:L&E : 3x8/9W:3x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm 3L:L&E : 3x14/16/18W:3x2100 lm
Luminaire Output	2S:16/18W : 1585lm 3S:24/27W : 2380 lm 2L:28/32/36W : 3175 lm 3L:42/48/54W : 4760 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Equivalent	L&E:25,000/50,000 hrs. 16-18W:T5 2x14W/T8 2x18W 24-27W: T5 3x14W/T8 3x18W 28-36W:T5 2x28W/T8 2x36W 42-54W:T5 3x28W/T8 3x36W

Ordering Data

Model	Watt
LRCRM600/FO/2S/CT-XXLED-T8	16-18W
LRCRM600/FO/3S/CT-XXLED-T8	24-27W
LRCRM600/FO/2L/CT-XXLED-T8	28-36W
LRCRM600/FO/3L/CT-XXLED-T8	42-54W



Related Products



LED-T8

LED Clean Room



 TIS LRCRM300/RO/CT

Application

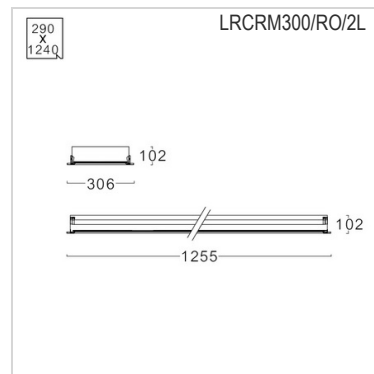
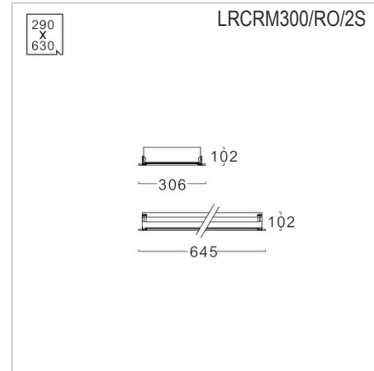
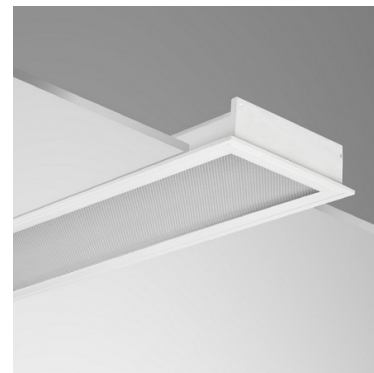
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : Rear opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S:16/18W : 1525 lm 2L:28/32/36W : 3050 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	50
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	16-18W:T5 2x14W/T8 2X18W 28-36W:T5 2x28W/T8 2X36W

Ordering Data

Model	Watt
LRCRM300/RO/2S/CT-XXLED-T8	16-18W
LRCRM300/RO/2L/CT-XXLED-T8	28-36W



Related Products



LED-T8

LED Clean Room



TIS LRCRM600/RO/CT

Application

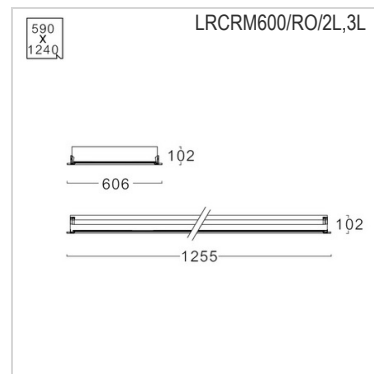
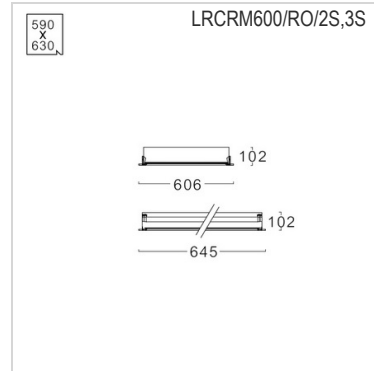
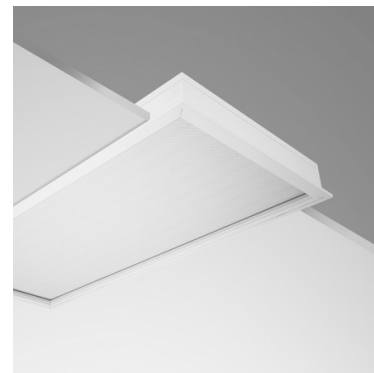
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : Rear opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S:16-20W (2 lamps) 3S:24-30W (3 lamps) 2L:28-40W (2 lamps) 3L:42-60W (3 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 3S:L&E : 3x8/9W:3x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm 3L:L&E : 3x14/16/18W:3x2100 lm
Luminaire Output	2S:16/18W : 1585 lm 3S:24/27W : 2380 lm 2L:28/32/36W : 3175 lm 3L:42/48/54W : 4760 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Equivalent	L&E:25,000/50,000 hrs. 16-18W:T5 2x14W/T8 2x18W 24-27W: T5 3x14W/T8 3x18W 28-36W:T5 2x28W/T8 2x36W 42-54W:T5 3x28W/T8 3x36W

Ordering Data

Model	Watt
LRCRM600/RO/2S/CT-XXLED-T8	16-18W
LRCRM600/RO/3S/CT-XXLED-T8	24-27W
LRCRM600/RO/2L/CT-XXLED-T8	28-36W
LRCRM600/RO/3L/CT-XXLED-T8	42-54W



Related Products



LED-T8

LED Clean Room



RCRML300/FO

Application

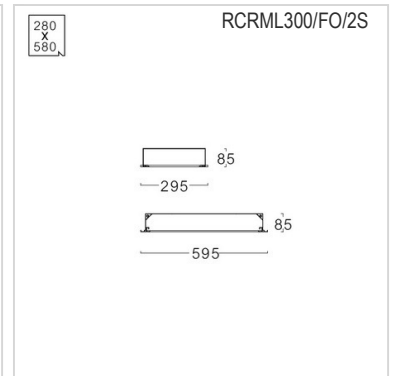
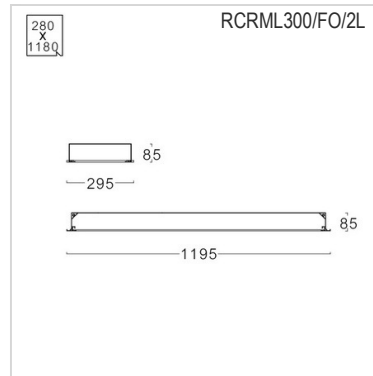
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : Front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	18/36W
Light Source	LED Module
Colour Temperature	4000/6500K
Luminaire Output	2S:18W : 1695 lm 2L:36W : 3295 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Luminaire Lifetime	30,000 hrs.
Equivalent	18W:T5 2x14W/T8 2X18W 36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RCRML300/FO/2S-18LED	18W
RCRML300/FO/2L-36LED	36W



Related Products



LED Strip Module

RCRML600/FO

Application

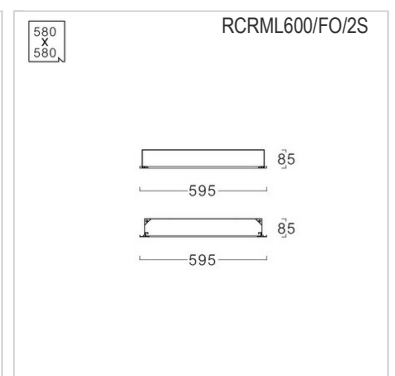
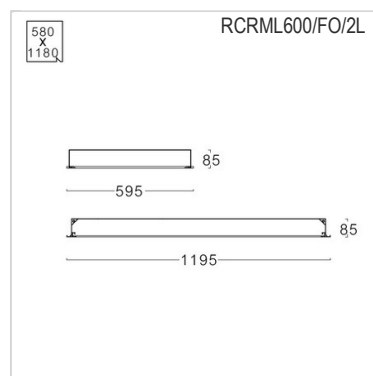
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : Front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Recessed
Power	2S:36W 2L:36W
Light Source	LED Module
Colour Temperature	4000/6500K
Luminaire Output	2S:36W : 3390 lm 2L:36W : 3295 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Luminaire Lifetime	30,000 hrs.
Equivalent	36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
RCRML600/FO/2S-36LED	36W
RCRML600/FO/2L-36LED	36W



Related Products



LED Strip Module

LED Clean Room



LLBCM/CT

Application

Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in white
Diffuser	Opal plastic
Mounting	Surface
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm
Luminaire Output	1S:8/9W : 940 lm 1L:14/16/18W : 1880 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	50 L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W

Ordering Data

Model	Watt
LLBCM/1S/CT-XXLED-T8	8-9W
LLBCM/1L/CT-XXLED-T8	14-18W



LLBCM/1S



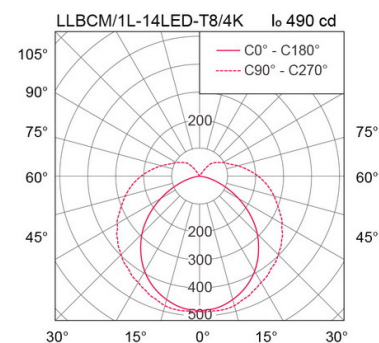
LLBCM/1L



Related Products



LED-T8



LED Clean Room



TIS LSCRM300/CT

Application

Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

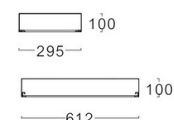
Housing	Die-formed cold roll steel Service method : Front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white or black
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface
Power	2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2S:16/18W : 1525 lm 2L:28/32/36W : 3050 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50 L&E:25,000/50,000 hrs.
Equivalent	16-18W:T5 2x14W/T8 2X18W 28-36W:T5 2x28W/T8 2X36W

Ordering Data

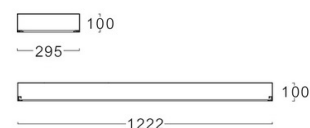
Model	Watt
LSCRM300/FO/2S/CT-XXLED-T8	16-18W
LSCRM300/FO/2L/CT-XXLED-T8	28-36W



LSCRM300/FO/2S



LSCRM300/FO/2L



Related Products



LED-T8

LED Clean Room



TIS LSCRM600/CT

Application

Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

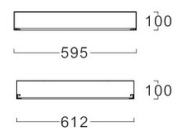
Housing	Die-formed cold roll steel Service method : Front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface
Power	2S:16-20W (2 lamps) 3S:24-30W (3 lamps) 2L:28-40W (2 lamps) 3L:42-60W (3 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2S:L&E : 2x8/9W:2x1050 lm 3S:L&E : 3x8/9W:3x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm 3L:L&E : 3x14/16/18W:3x2100 lm
Luminaire Output	2S:16/18W : 1585 lm 3S:24/27W : 2380 lm 2L:28/32/36W : 3175 lm 3L:42/48/54W : 4760 lm
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Equivalent	L&E:25,000/50,000 hrs. 16-18W:T5 2x14W/T8 2x18W 24-27W: T5 3x14W/T8 3x18W 28-36W:T5 2x28W/T8 2x36W 42-54W:T5 3x28W/T8 3x36W

Ordering Data

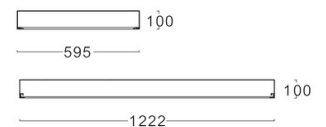
Model	Watt
LSCRM600/FO/2S/CT-XXLED-T8	16-18W
LSCRM600/FO/3S/CT-XXLED-T8	24-27W
LSCRM600/FO/2L/CT-XXLED-T8	28-36W
LSCRM600/FO/3L/CT-XXLED-T8	42-54W



SCRM600/FO/2S,3S



LSCRM600/FO/2L,3L



Related Products



LED-T8

LED Clean Room



SCRML300

Application

Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

Housing	Die-formed cold roll steel Service method : Front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface
Power	18/36W
Light Source	LED Module
Colour Temperature	4000/6500K
Luminaire Output	2S:18W : 1695 lm 2L:36W : 3295 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Luminaire Lifetime	30,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
SCRML300/FO/2S-18LED	18W
SCRML300/FO/2L-36LED	36W

SCRML600

Application

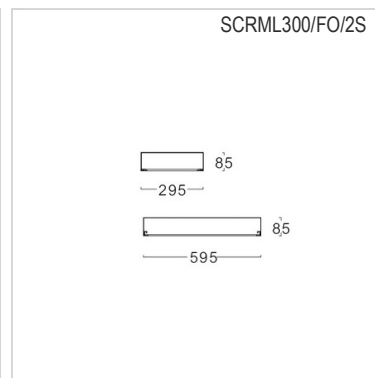
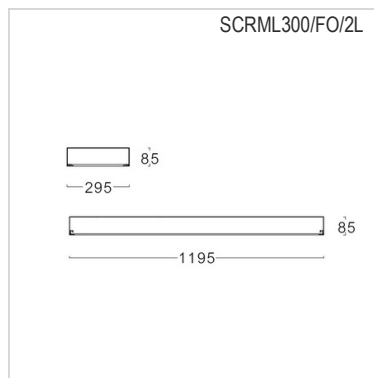
Clean room is designed for unique application which is require limitation of dust such as food processing areas, control rooms, etc.

Specification

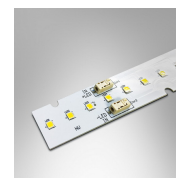
Housing	Die-formed cold roll steel Service method : Front opening Sealing : Triple gasketing system
Description	Can use for cleanroom class 10,000 or higher
Finishing	Powder coated in white
Diffuser	Prismatic (Opal, stipple, clear are available as option)
Mounting	Surface
Power	36W
Light Source	LED Module
Colour Temperature	4000/6500K
Luminaire Output	2S:36W : 3390 lm 2L:36W : 3295 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	50
Luminaire Lifetime	30,000 hrs.
Equivalent	18W:T5 2x14W/T8 2x18W 36W:T5 2x28W/T8 2x36W

Ordering Data

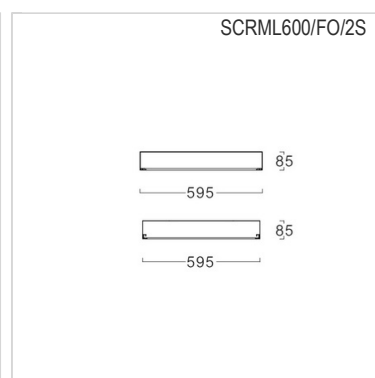
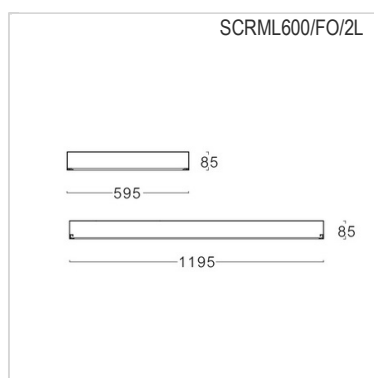
Model	Watt
SCRML600/FO/2S-36LED	36W
SCRML600/FO/2L-36LED	36W



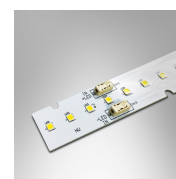
Related Products



LED Strip Module



Related Products



LED Strip Module

LED Cold Room



LLCSE/CT

Application

Cold room luminaire is designed to use for cold room storages which is required stability of lumen output for long term using.

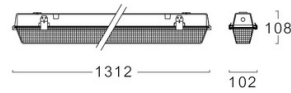
Specification

Housing	Compression moulded glass reinforced polyester (GRP), gear tray made of die-formed cold rolled steel finished high gloss baked white polyester powder
Description	Luminaire: can use in cold storage room up to -30 degree Celsius ambient temperature
Diffuser	Injection moulded clear prismatic UV stabilized polycarbonate (PC)
Mounting	Surface
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S : 8/9W : 908 lm 1L : 14/16/18W : 1815 lm 2S : 16/18W : 1795 lm 2L : 28/32/36W : 3590 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

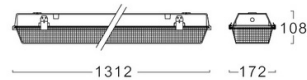
Ordering Data

Model	Watt
LLCSE/1S/CT-XXLED-T8	8-9W
LLCSE/1L/CT-XXLED-T8	14-18W
LLCSE/2S/CT-XXLED-T8	16-18W
LLCSE/2L/CT-XXLED-T8	28-36W

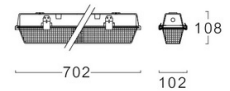
LLCSE/1L



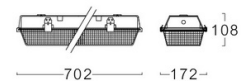
LLCSE/2L



LLCSE/1S



LLCSE/2S



Related Products



Cable gland



Polycarbonate clip



Stainless steel clip



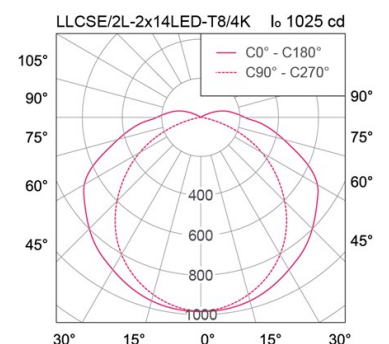
Suspension Bracket for 1 lamp



Suspension Bracket for 2 lamps



LED-T8



LED Weatherproof Fluorescent



LLWPF/CT

Application

Weatherproof luminaire is designed to use for clean rooms, factories, warehouses, garages, storage rooms, cold rooms, etc.

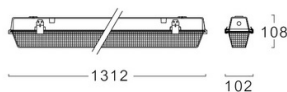
Specification

Housing	Compression moulded glass reinforced polyester (GRP), gear tray made of die-formed cold rolled steel finished high gloss baked white polyester powder
Diffuser	Injection moulded clear prismatic UV stabilized polycarbonate (PC)
Mounting	Surface/Suspension wire
Power	1S:8-9W (1 lamp) 1L:14-18W (1 lamp) 2S:16-18W (2 lamps) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1S:L&E : 8/9W:1050 lm 1L:L&E : 14/16/18W:2100 lm 2S:L&E : 2x8/9W:2x1050 lm 2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	1S:8/9W : 908 lm 1L:14/16/18W : 1815 lm 2S:16/18W : 1795 lm 2L:28/32/36W : 3590 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	8-9W:T5 1x14W/T8 1x18W 14-18W:T5 1x28W/T8 1x36W 16-18W:T5 2x14W/T8 2x18W 28-36W:T5 2x28W/T8 2x36W

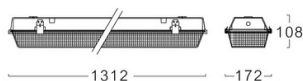
Ordering Data

Model	Watt
LLWPF/1S/CT-XXLED-T8	8-9W
LLWPF/1L/CT-XXLED-T8	14-18W
LLWPF/2S/CT-XXLED-T8	16-18W
LLWPF/2L/CT-XXLED-T8	28-36W

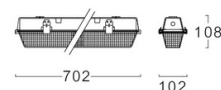
LLWPF/1L



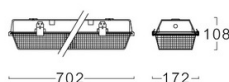
LLWPF/2L



LLWPF/1S



LLWPF/2S



Related Products



Cable gland



Polycarbonate clip



Stainless steel clip



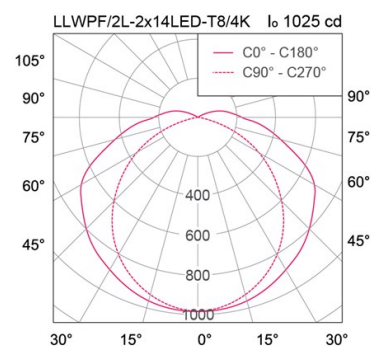
Suspension Bracket for 1lamp (Stainless)



Suspension Bracket for 2lamps(Stainless)



LED-T8



LED Weatherproof Fluorescent



TIS LWPFL102

Application

Weatherproof luminaire is designed to use for clean rooms, factories, warehouses, garages, storage rooms, cold rooms, etc.

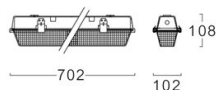
Specification

Housing	Compression moulded glass reinforced polyester (GRP), gear tray made of die-formed cold rolled steel finished high gloss baked white polyester powder
Diffuser	Injection moulded clear prismatic UV stabilized polycarbonate (PC)
Mounting	Surface or suspended
Power	18/36/45W
Light Source	LED Module
Colour Temperature	4000/6500K
Luminaire Output	1S:18W: 2160 lm 1L:36W: 4680lm 1.6L:45W: 5850 lm
Beam Angle	105x157 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.

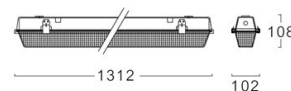
Ordering Data

Model	Watt
LWPFL102/1S-18LED	18W
LWPFL102/1L-36LED	36W
LWPFL102/1.6L-45LED	45W

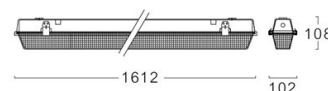
LWPFL102/1S



LWPFL102/1L



LWPFL102/1.6L



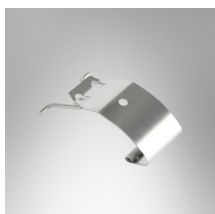
Related Products



Cable gland



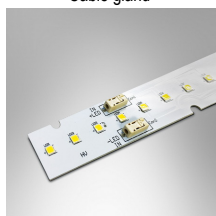
Polycarbonate diffuser clips



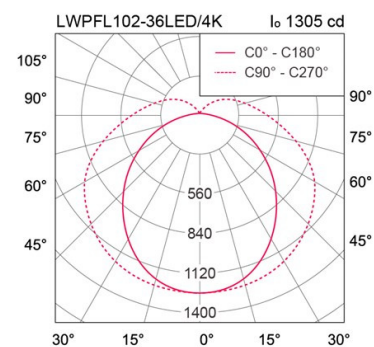
Stainless steel clip



Suspension Bracket



LED Strip Module





Outdoor Lighting



Outdoor Lighting

Floodlight/Accent

LED Floodlight / Spotlight



TIS FLL55

Application

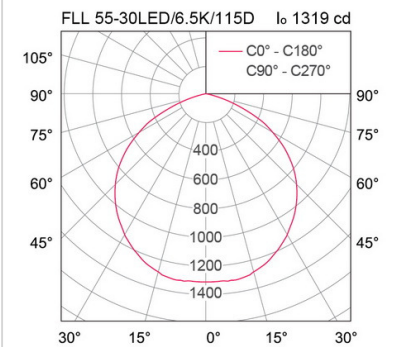
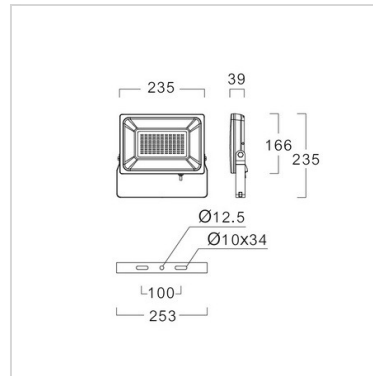
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	235x39x235 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	6500K
Luminaire Output	3450 lm
Beam Angle	115 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	HAL 200W, MH 70W

Ordering Data

Model	Watt
FLL55-30LED	30W



TIS FLL56

Application

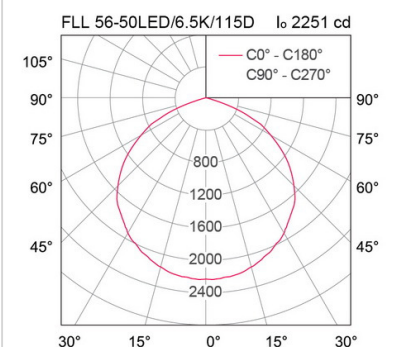
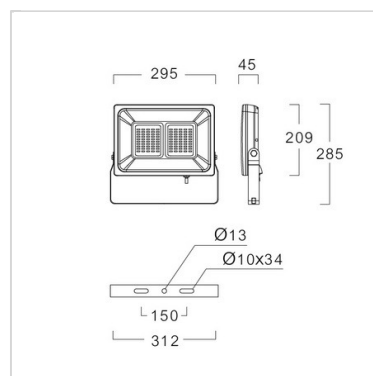
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	295x45x285 mm.
Mounting	Surface
Power	50W
Light Source	LED Module
Colour Temperature	6500K
Luminaire Output	6000 lm
Beam Angle	115 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 100W

Ordering Data

Model	Watt
FLL56-50LED	50W



LED Floodlight / Spotlight



TIS FLL45

Application

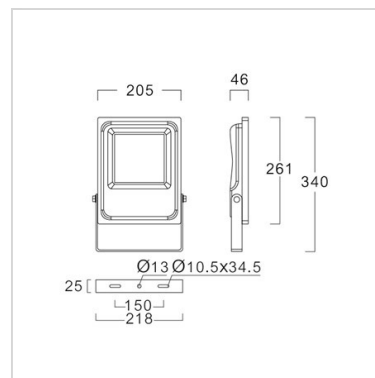
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	205x46x340 mm.
Mounting	Surface
Power	50W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	6000 lm
Beam Angle	Bi-symmetrical, 120/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
LED Lifetime	30,000 hrs.
Equivalent	MH 100W

Ordering Data

Model	Watt
FLL45-50LED	50W



TIS FLL47

Application

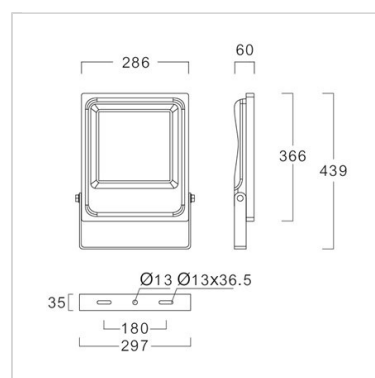
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	286x60x366 mm.
Mounting	Surface
Power	70W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	8400 lm
Beam Angle	Bi-Symmetrical, 120/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
FLL47-70LED	70W



LED Floodlight / Spotlight



TIS FLL46

Application

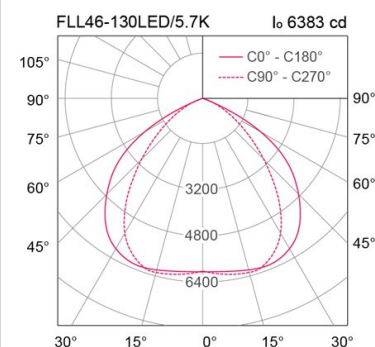
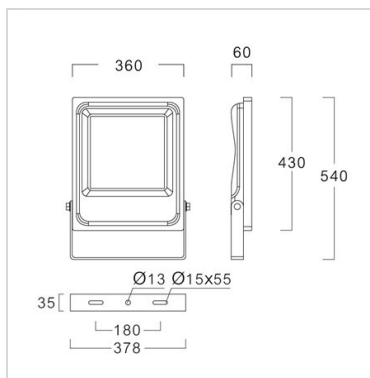
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	360x60x540 mm.
Mounting	Surface
Power	130W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	15600 lm
Beam Angle	Bi-symmetrical, 120/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
LED Lifetime	30,000 hrs.
Equivalent	MH 250W

Ordering Data

Model	Watt
FLL46-130LED	130W



TIS FLL75

Application

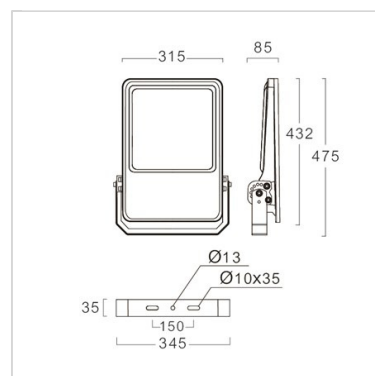
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Gasket	Silicone rubber
Dimension	315x85x475 mm.
Mounting	Surface
Power	240W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	32400 lm
Beam Angle	60/96/110 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
LED Lifetime	30,000 hrs.
Equivalent	HPS 400W

Ordering Data

Model	Watt
FLL75-240LED	240W



LED Floodlight / Spotlight



TIS FLL200/S

Application

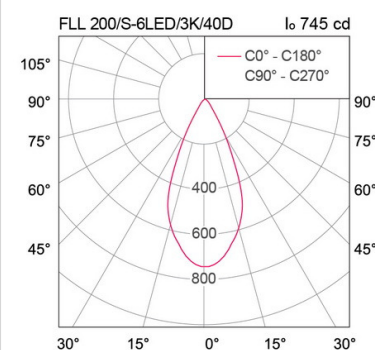
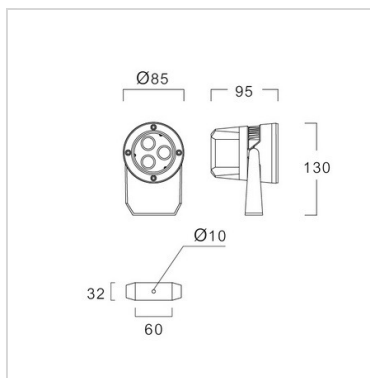
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	85x95x130 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	470/500 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL200/S-6LED	6W



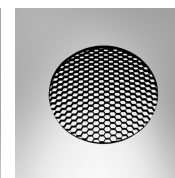
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL200/B

Application

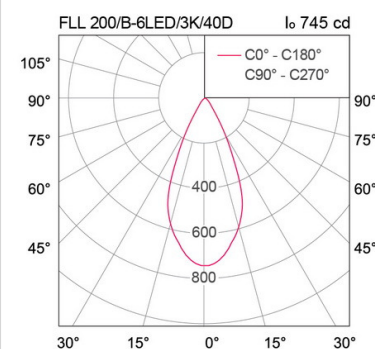
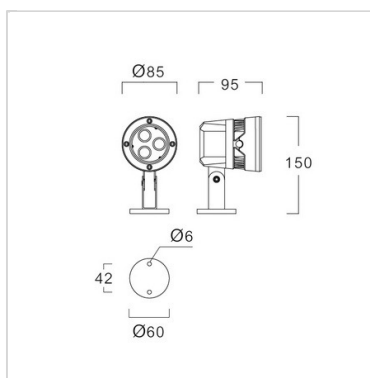
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	85x95x150 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	470/500 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

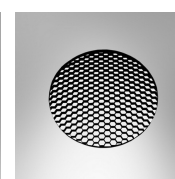
Model	Watt
FLL200/B-6LED	6W



Related Products



Tree strap



Honey comb

LED Floodlight / Spotlight



TIS FLL200/S/GS

Application

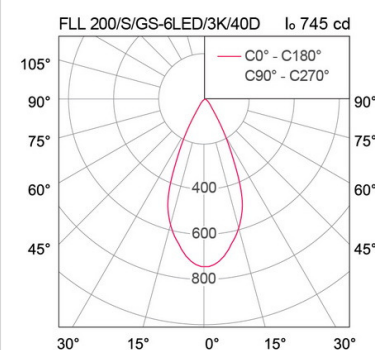
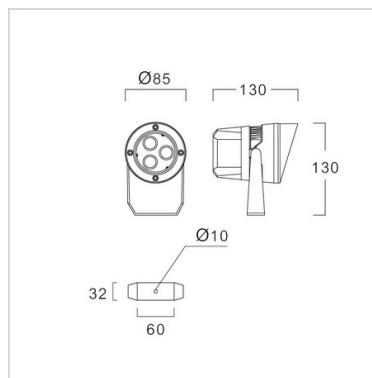
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	85x130x130 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	470/500 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL200/S/GS-6LED	6W



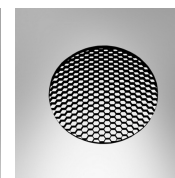
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL200/B/GS

Application

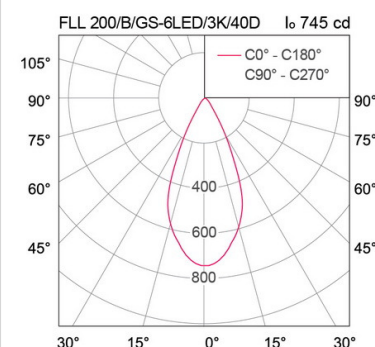
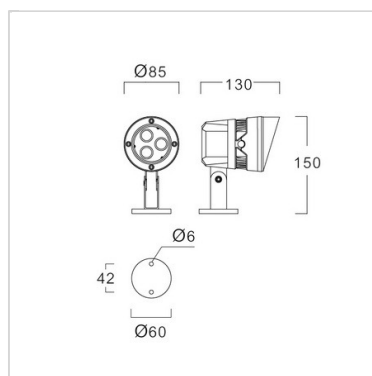
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	85x130x150 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	470/500 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

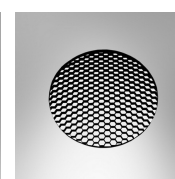
Model	Watt
FLL200/B/GS-6LED	6W



Related Products



Tree strap



Honey comb

LED Floodlight / Spotlight



TIS FLL210/S

Application

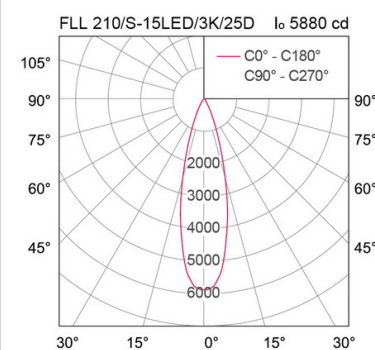
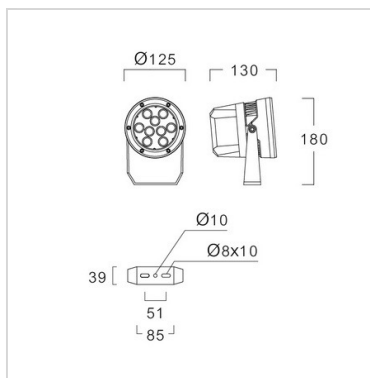
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x130x180 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/S-15LED	15W



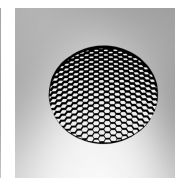
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL210/B

Application

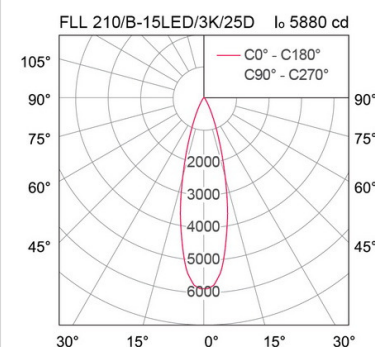
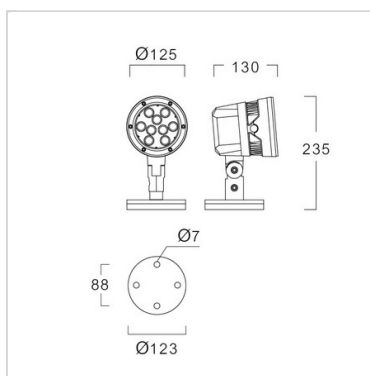
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x130x235 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

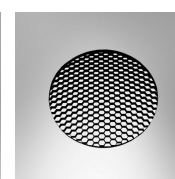
Model	Watt
FLL210/B-15LED	15W



Related Products



Tree strap



Honey comb

LED Floodlight / Spotlight



TIS FLL210/S/GS

Application

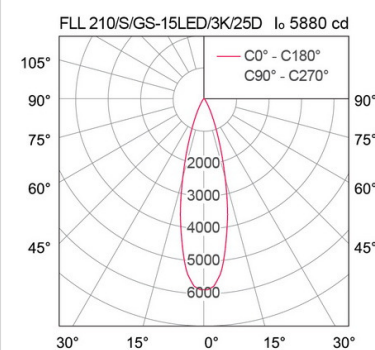
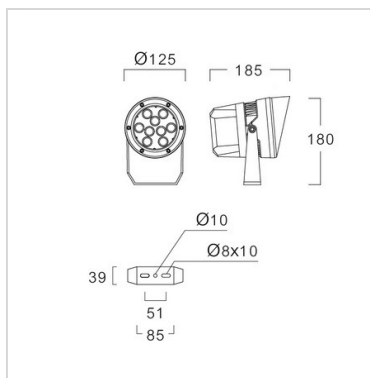
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x185x180 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/S/GS-15LED	15W



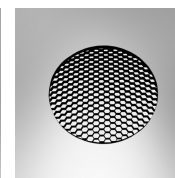
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL210/B/GS

Application

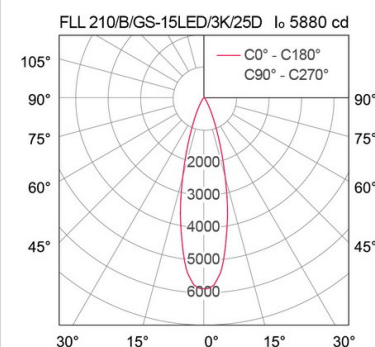
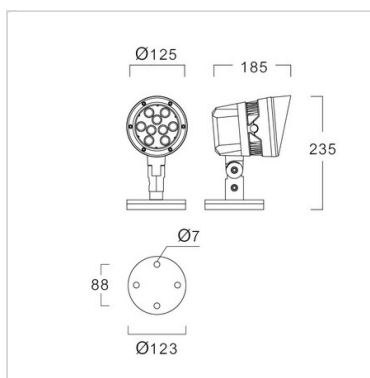
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x185x235 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

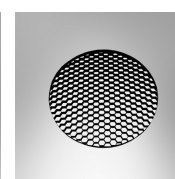
Model	Watt
FLL210/B/GS-15LED	15W



Related Products



Tree strap



Honey comb

LED Floodlight / Spotlight



TIS FLL210/S/HD

Application

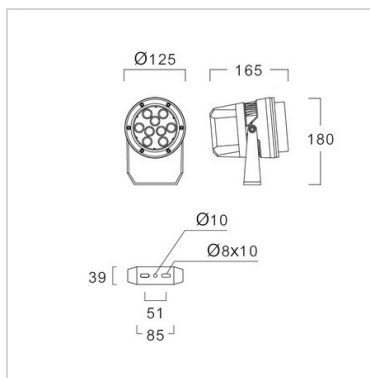
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

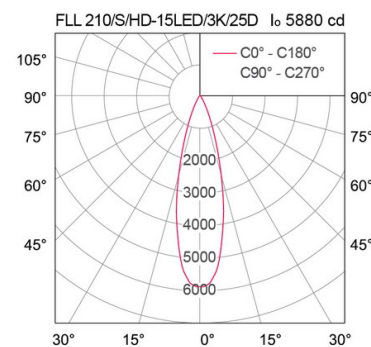
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x165x180 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/S/HD-15LED	15W



Related Products



Ground spike



Tree strap

TIS FLL210/B/HD

Application

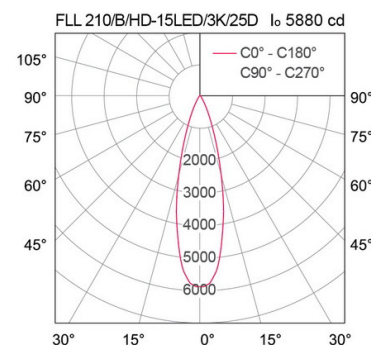
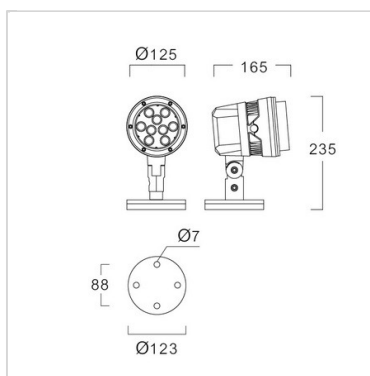
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x165x235 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/B/HD-15LED	15W



Related Products



Tree strap

LED Floodlight / Spotlight



TIS FLL210/A

Application

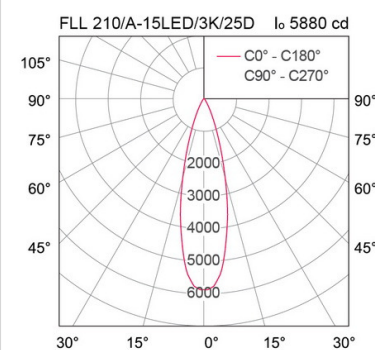
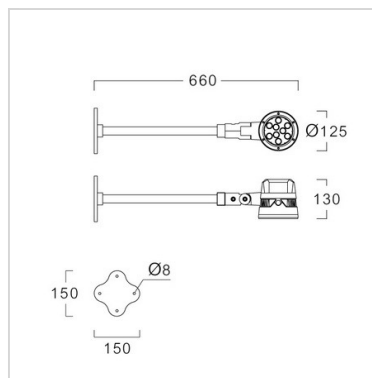
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

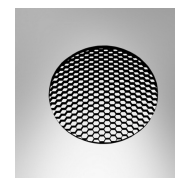
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x660x130 mm.
Mounting	Wall mounted
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/A-15LED	15W



Related Products



Honey comb

TIS FLL210/C

Application

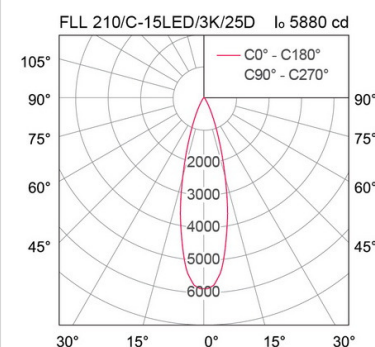
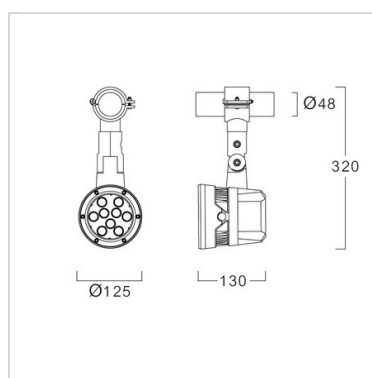
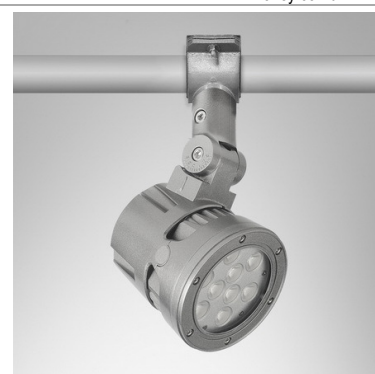
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

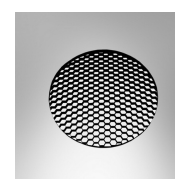
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x130x320 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/C48-15LED	15W
FLL210/C60-15LED	15W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL210/A/GS

Application

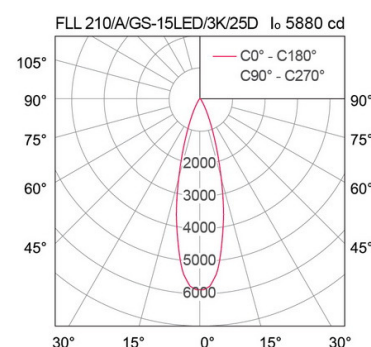
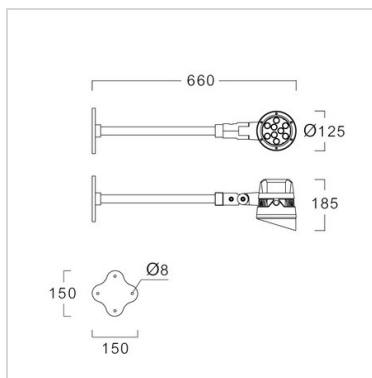
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

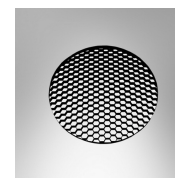
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x660x185 mm.
Mounting	Wall mounted
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/A/GS-15LED	15W



Related Products



Honey comb

TIS FLL210/C/GS

Application

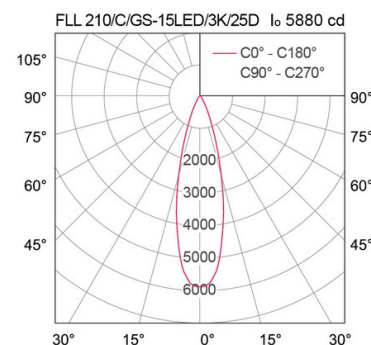
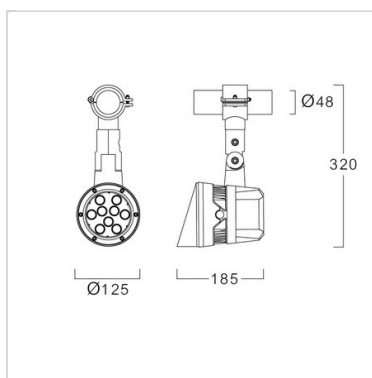
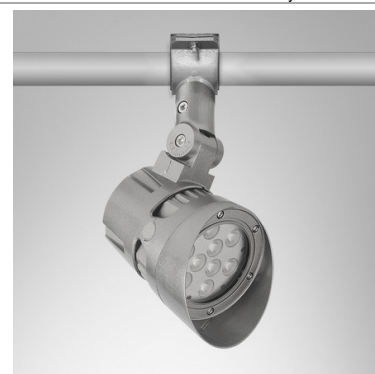
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

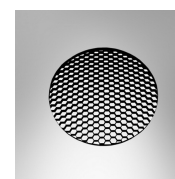
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x185x320 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/C/GS-15LED	15W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL210/A/HD

Application

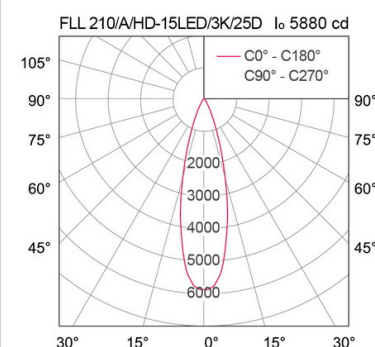
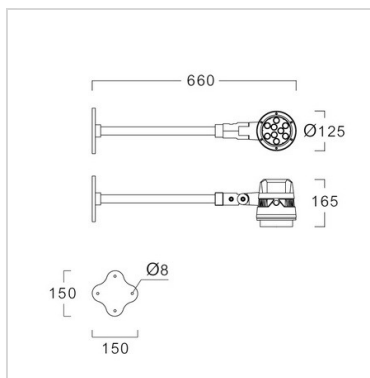
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x660x165 mm.
Mounting	Wall mounted
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/A/HD-15LED	15W



TIS FLL210/C/HD

Application

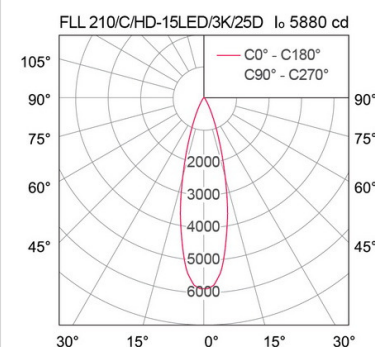
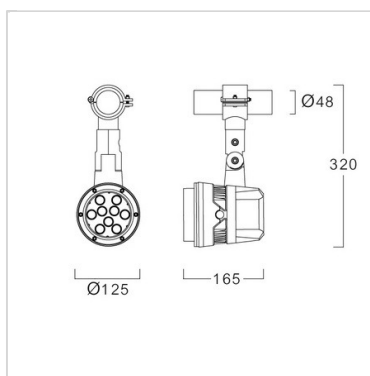
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x165x320 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	15W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	1425/1575 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL210/C/HD-15LED	15W



LED Floodlight / Spotlight



TIS FLL220/S

Application

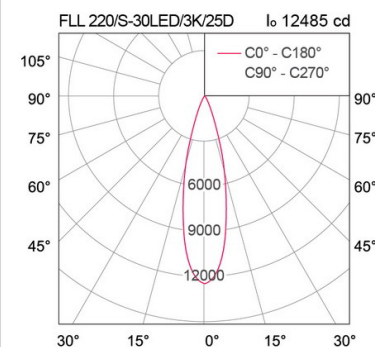
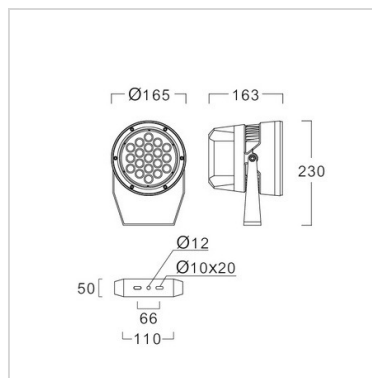
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x163x230 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/S-30LED	30W



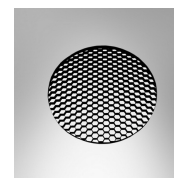
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL220/B

Application

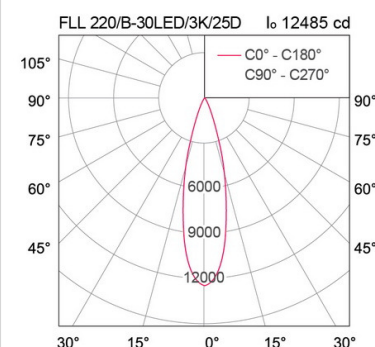
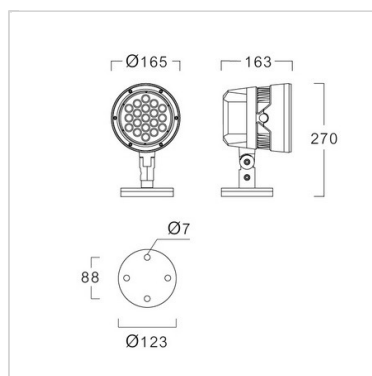
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x163x270 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

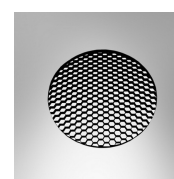
Model	Watt
FLL220/B-30LED	30W



Related Products



Tree strap



Honey comb

LED Floodlight / Spotlight



TIS FLL220/S/GS

Application

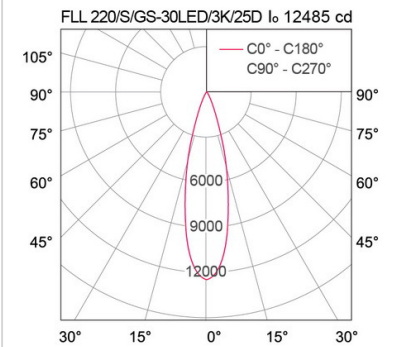
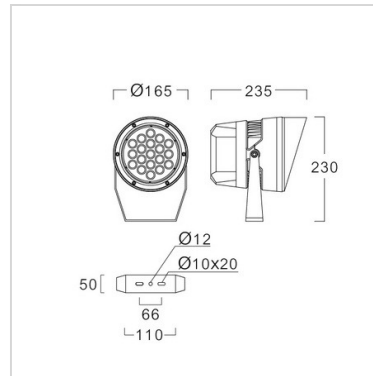
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x235x230 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/S/GS-30LED	30W



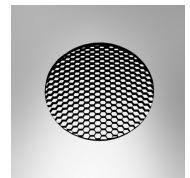
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL220/B/GS

Application

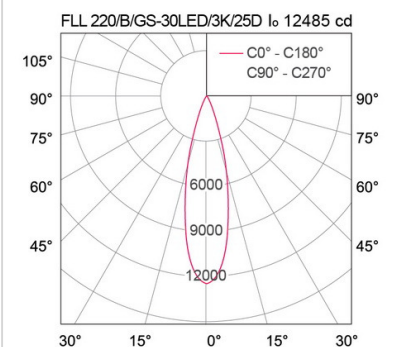
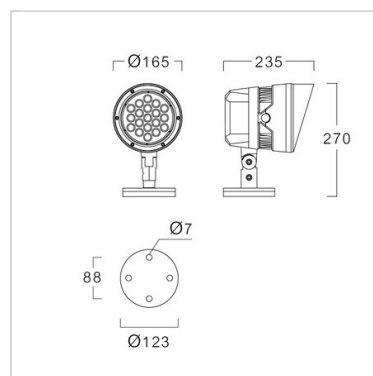
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x235x270 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

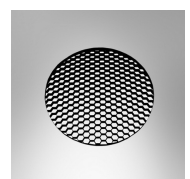
Model	Watt
FLL220/B/GS-30LED	30W



Related Products



Tree strap



Honey comb

LED Floodlight / Spotlight



TIS FLL220/S/HD

Application

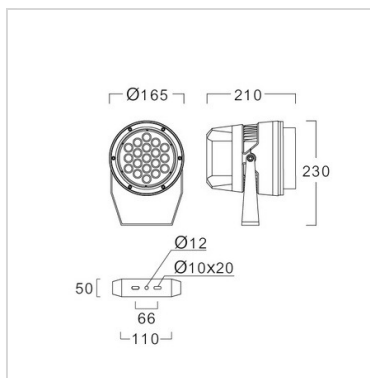
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

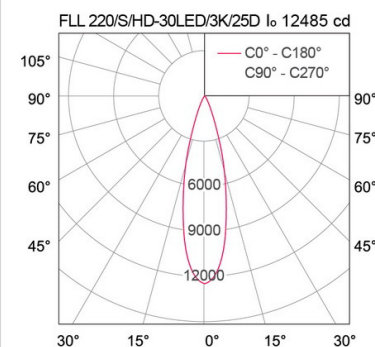
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x210x230 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/S/HD-30LED	30W



Related Products



Ground spike



Tree strap

TIS FLL220/B/HD

Application

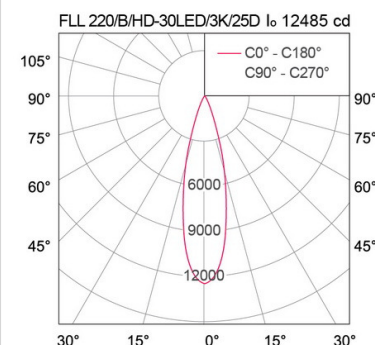
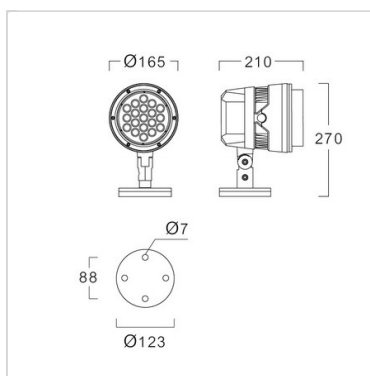
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x210x270 mm.
Mounting	Surface
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/B/HD-30LED	30W



Related Products



Tree strap

LED Floodlight / Spotlight



TIS FLL220/A

Application

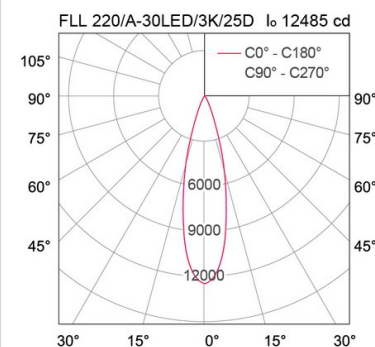
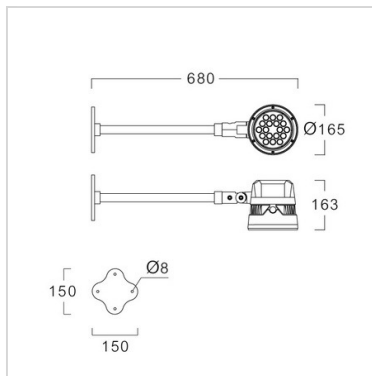
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

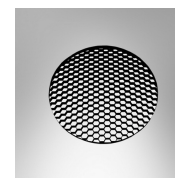
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x680x163 mm.
Mounting	Wall mounted
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/A-30LED	30W



Related Products



Honey comb

TIS FLL220/C

Application

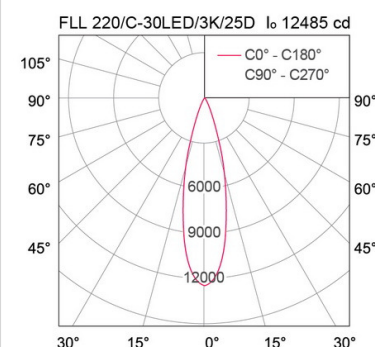
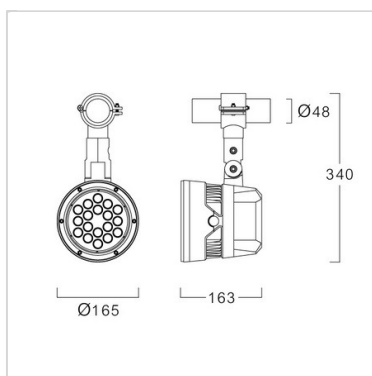
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

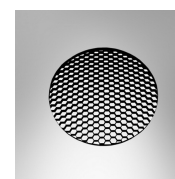
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x163x340 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/C48-30LED	30W
FLL220/C60-30LED	30W



Related Products



Honey comb

LED Floodlight / Spotlight



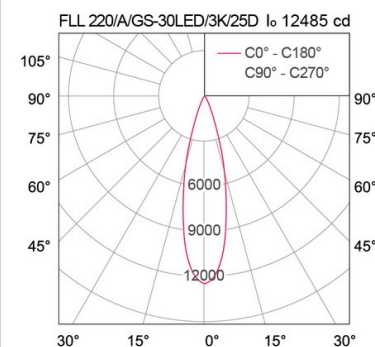
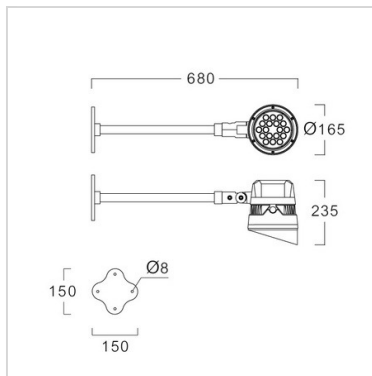
TIS FLL220/A/GS

Application

Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

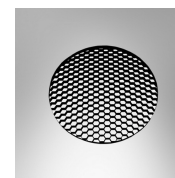
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x680x235 mm.
Mounting	Wall mounted
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W



Ordering Data

Model	Watt
FLL220/A/GS-30LED	30W

Related Products



Honey comb

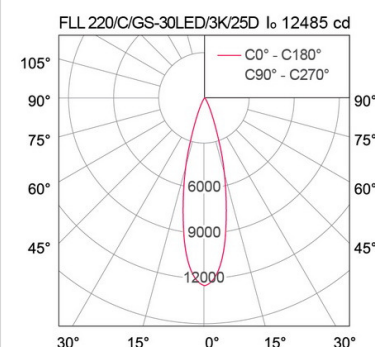
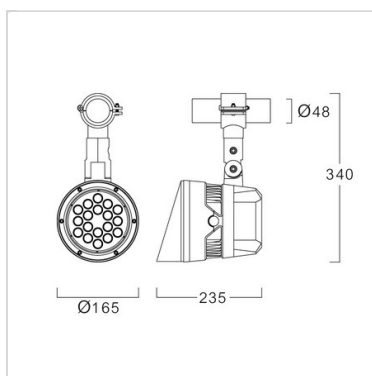
TIS FLL220/C/GS

Application

Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

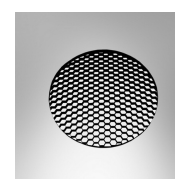
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x235x340 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W



Ordering Data

Model	Watt
FLL220/C/GS-30LED	30W

Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL220/A/HD

Application

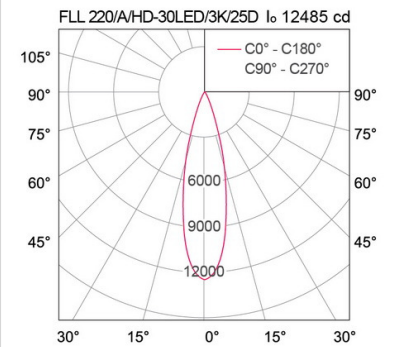
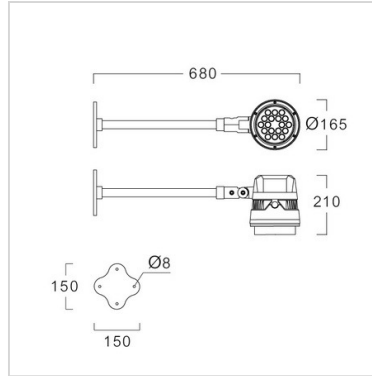
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x680x210 mm.
Mounting	Wall mounted
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/A/HD-30LED	30W



TIS FLL220/C/HD

Application

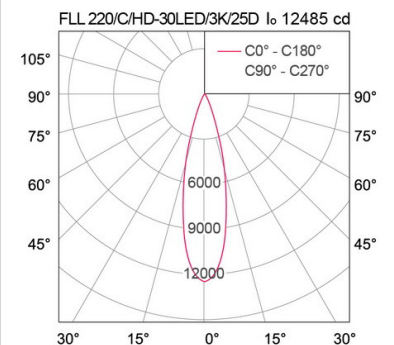
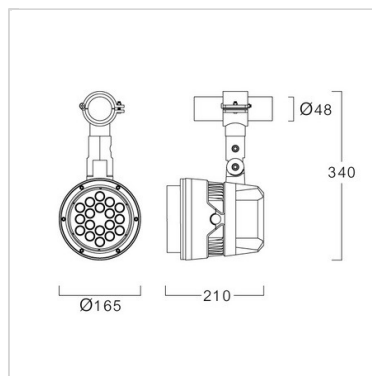
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	165x210x340 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	30W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	3000/3150 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL220/C/HD-30LED	30W



LED Floodlight / Spotlight



TIS FLL230/S

Application

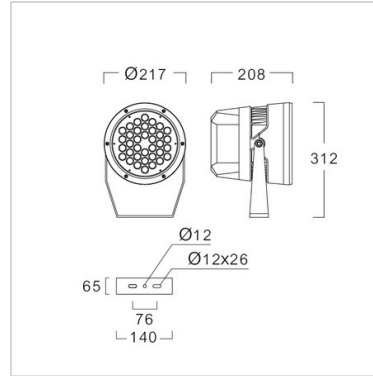
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

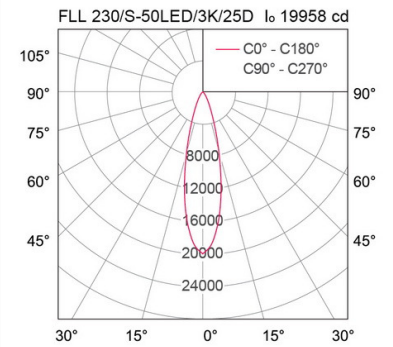
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	217x208x312 mm.
Mounting	Surface
Power	50W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	5000/5250 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W

Ordering Data

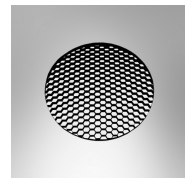
Model	Watt
FLL230/S-50LED	50W



Related Products



Ground spike



Honey comb

TIS FLL230/S/HD

Application

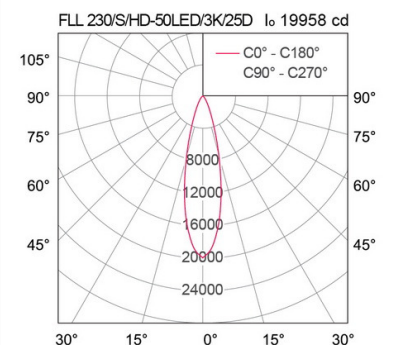
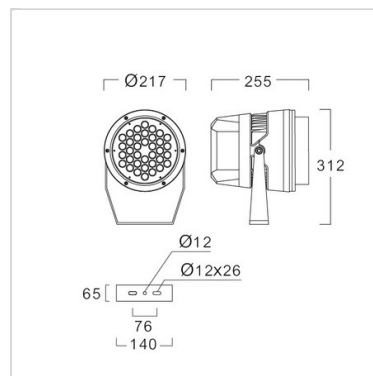
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	217x255x312 mm.
Mounting	Surface
Power	50W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	5000/5250 lm
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
FLL230/S/HD-50LED	50W



Related Products



Ground spike

LED Floodlight / Spotlight



TIS FLL230/P

Application

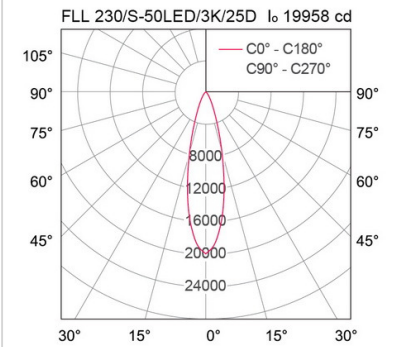
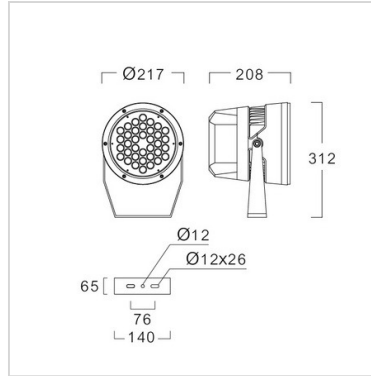
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

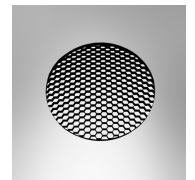
Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	217x208x312 mm
Mounting	On 6m. height pole (OD 101mm.)
Power	50W (x4,6 sets)
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	5000/5250 lm (x4,6 sets)
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W (x4,6 sets)

Ordering Data

Model	Watt
FLL230/P-50LED-6S6M	50W



Related Products



Honey comb

TIS FLL230/P/HD

Application

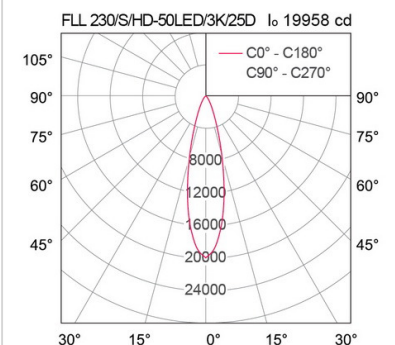
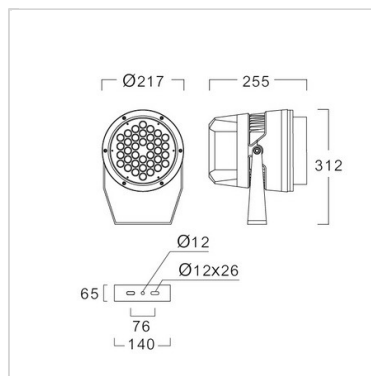
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium and zinc coated steel pole
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	217x255x312 mm.
Mounting	On 6m. height pole (OD 101mm.)
Power	50W (x4,6 sets)
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	5000/5250 lm (x4,6 sets)
Beam Angle	25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W (x4,6 sets)

Ordering Data

Model	Watt
FLL230/P/HD-50LED-6S6M	50W



LED Floodlight / Spotlight



TIS FLL201/S

Application

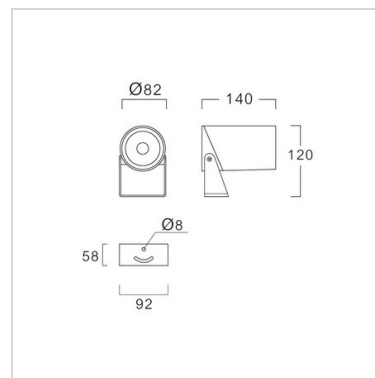
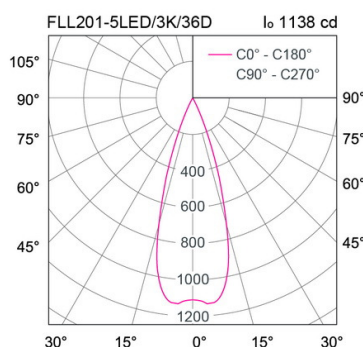
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	92x140x120 mm.
Mounting	Surface
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/S-5LED	5W



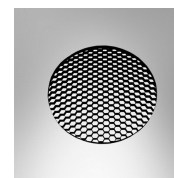
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL201/B

Application

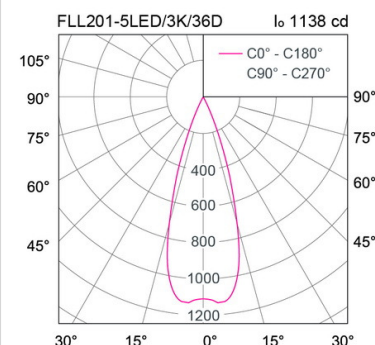
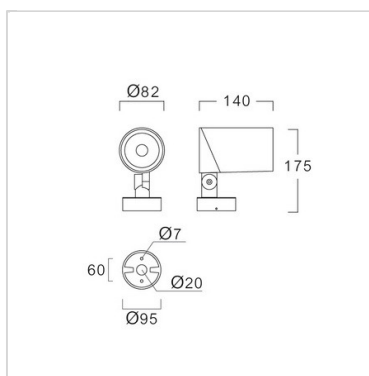
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

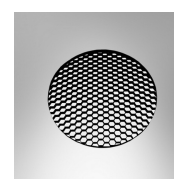
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	95x140x175 mm.
Mounting	Surface
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/B-5LED	5W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL201/S/GS

Application

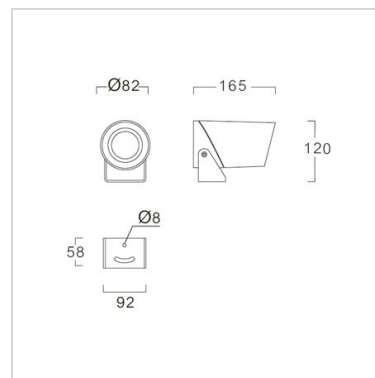
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	92x165x120 mm.
Mounting	Surface
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/S/GS-5LED	5W



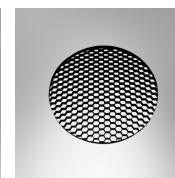
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL201/B/GS

Application

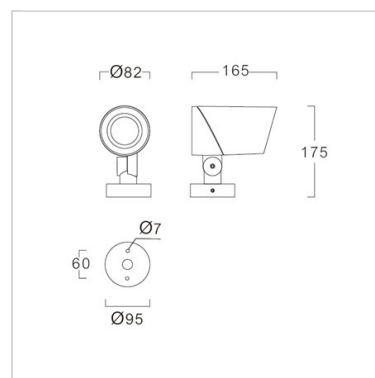
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

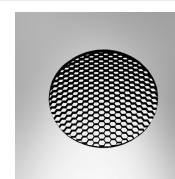
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	95x165x175 mm.
Mounting	Surface
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/B/GS-5LED	5W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL201/A

Application

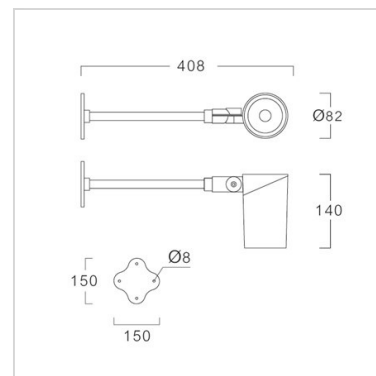
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

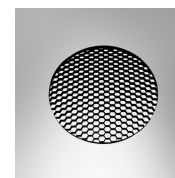
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	82x408x140 mm.
Mounting	Surface
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/A-5LED	5W



Related Products



Honey comb

TIS FLL201/C

Application

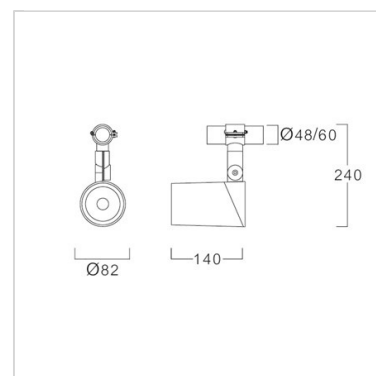
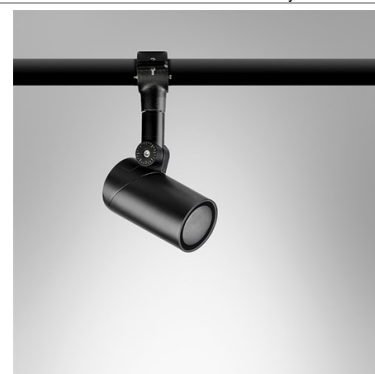
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

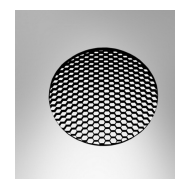
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	82x140x240 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/C-5LED	5W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL201/A/GS

Application

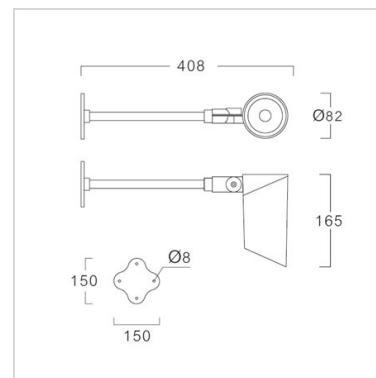
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

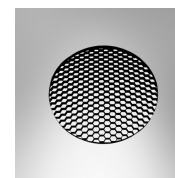
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	82x408x165 mm.
Mounting	Surface
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Lamp Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
LED Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/A/GS-5LED	5W



Related Products



Honey comb

TIS FLL201/C/GS

Application

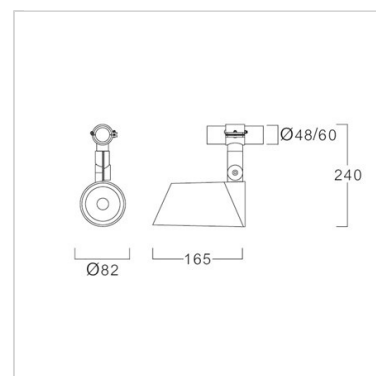
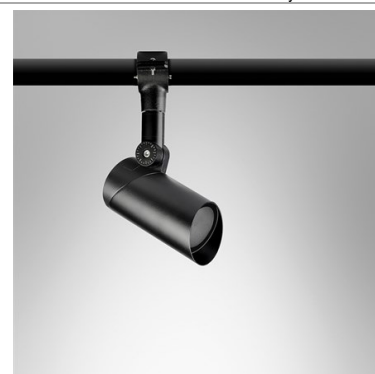
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

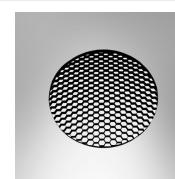
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	82x165x240 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.75
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
FLL201/C/GS-5LED	5W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL211/S

Application

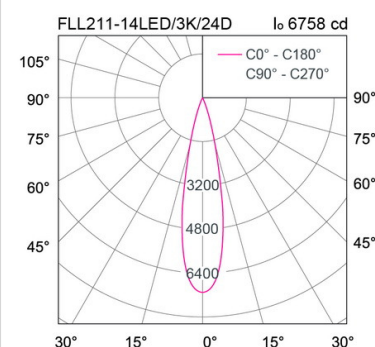
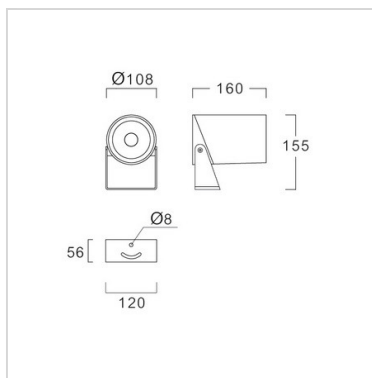
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	120x160x155 mm.
Mounting	Surface
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/S-14LED	14W



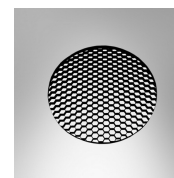
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL211/B

Application

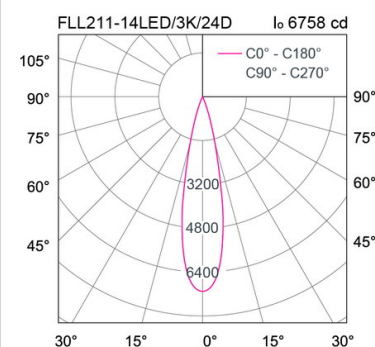
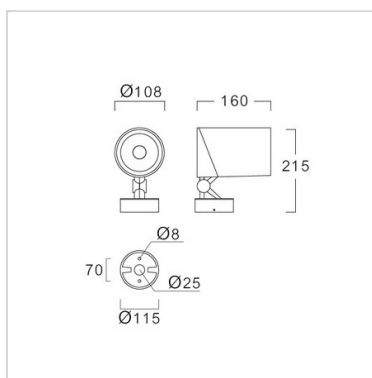
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

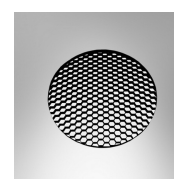
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	115x160x215 mm.
Mounting	Surface
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/B-14LED	14W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL211/S/GS

Application

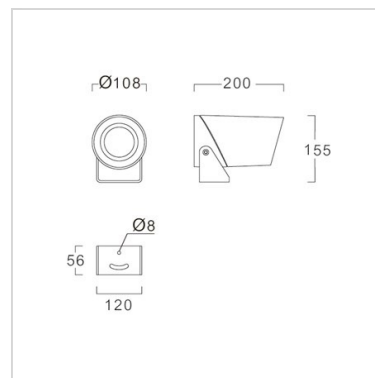
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	120x200x155 mm.
Mounting	Surface
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/S/GS-14LED	14W



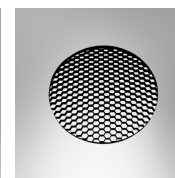
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL211/B/GS

Application

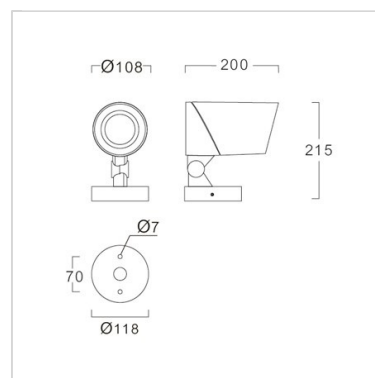
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

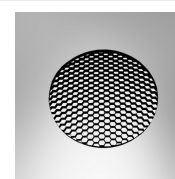
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	115x200x215 mm.
Mounting	Surface
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/B/GS-14LED	14W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL211/A

Application

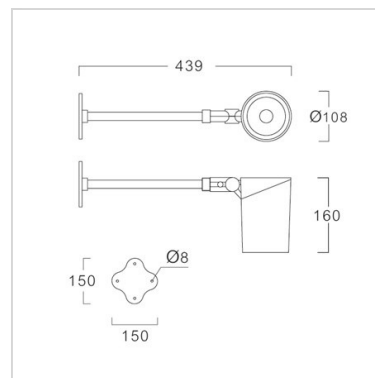
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

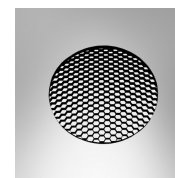
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x439x160 mm.
Mounting	Surface
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/A-14LED	14W



Related Products



Honey comb

TIS FLL211/C

Application

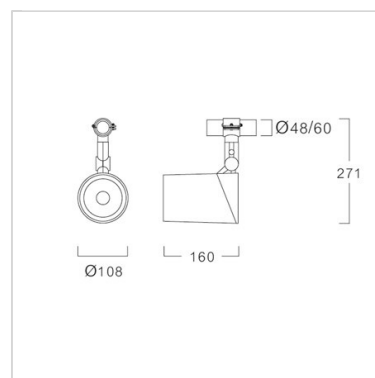
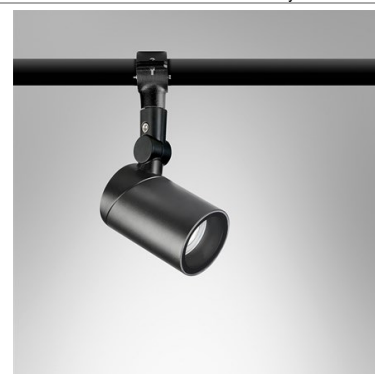
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

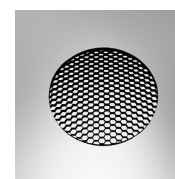
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x160x271 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/C-14LED	14W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL211/A/GS

Application

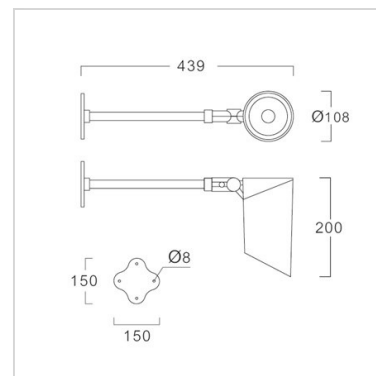
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

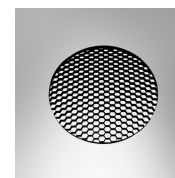
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x439x200 mm.
Mounting	Surface
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/A/GS	14W



Related Products



Honey comb

TIS FLL211/C/GS

Application

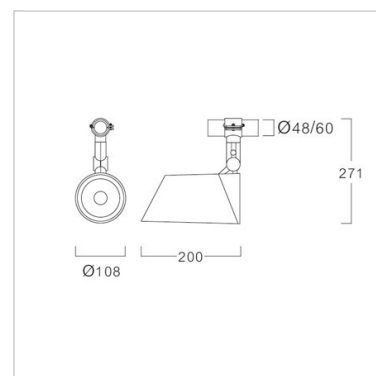
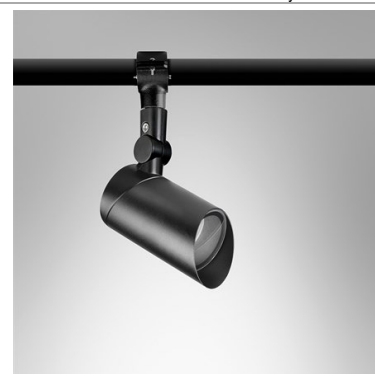
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

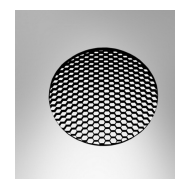
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x200x271 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
FLL211/C/GS-14LED	14W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL221/S

Application

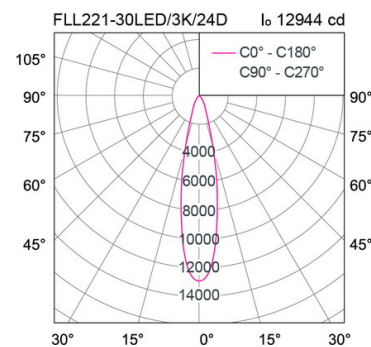
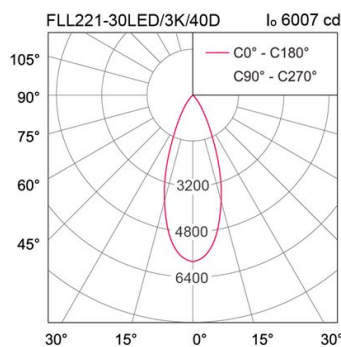
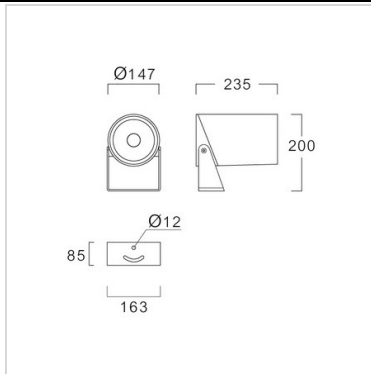
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	163x235x200 mm.
Mounting	Surface
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/S-30LED	30W



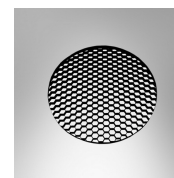
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL221/B

Application

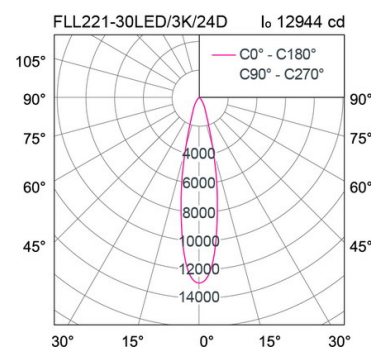
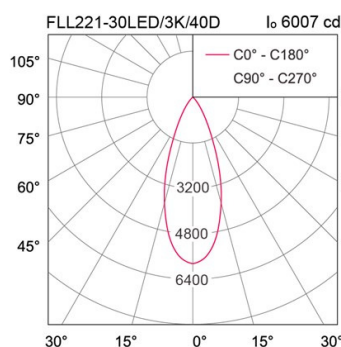
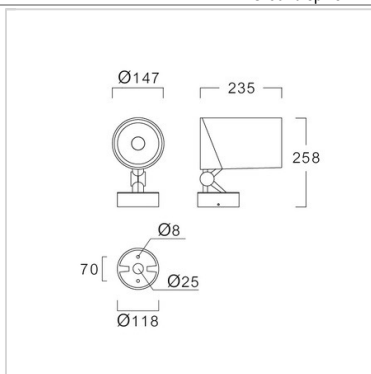
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

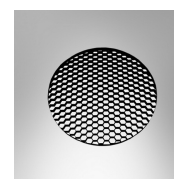
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	147x235x258 mm.
Mounting	Surface
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/B-30LED	30W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL221/S/GS

Application

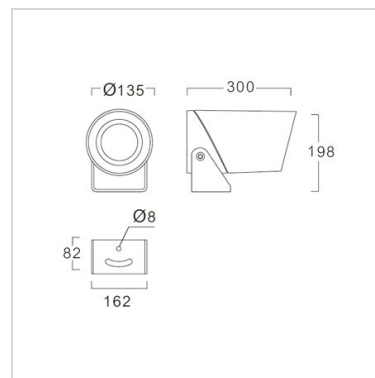
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	162x300x198 mm.
Mounting	Surface
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/S/GS-30LED	30W



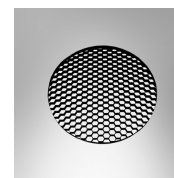
Related Products



Ground spike



Tree strap



Honey comb

TIS FLL221/B/GS

Application

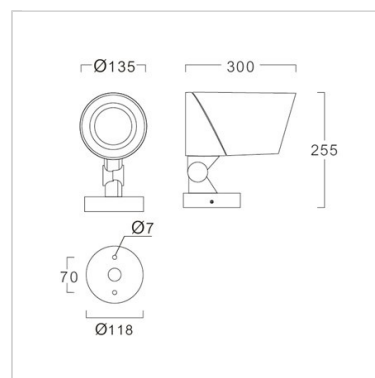
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

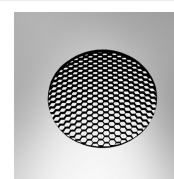
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	135x300x255 mm.
Mounting	Surface
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/B/GS-30LED	30W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL221/A

Application

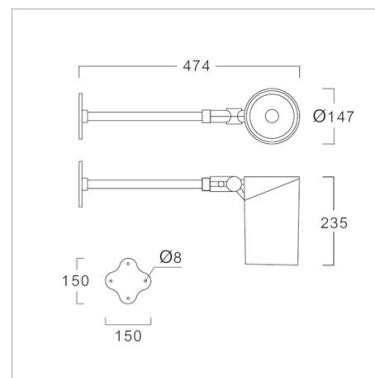
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

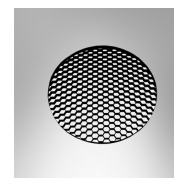
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	147x474x235 mm.
Mounting	Surface
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/A-30LED	30W



Related Products



Honey comb

TIS FLL221/C

Application

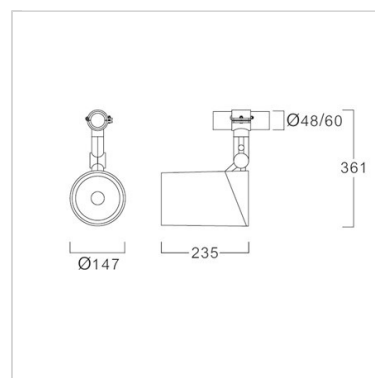
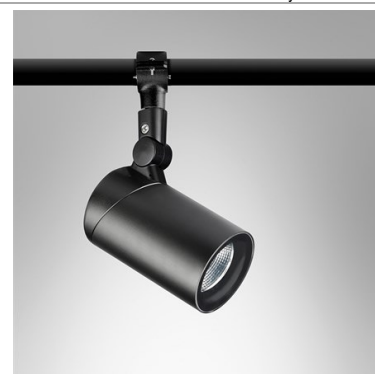
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

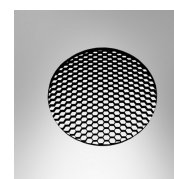
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	147x235x361 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/C-30LED	30W



Related Products



Honey comb

LED Floodlight / Spotlight



TIS FLL221/A/GS

Application

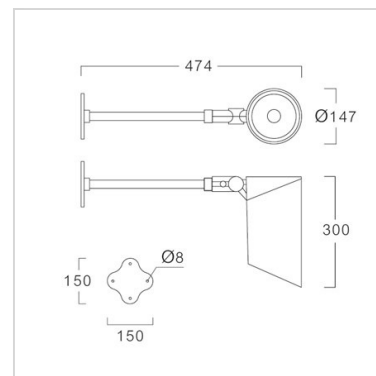
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

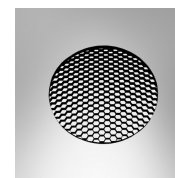
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	147x474x300 mm.
Mounting	Surface
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/A/GS-30LED	30W



Related Products



Honey comb

TIS FLL221/C/GS

Application

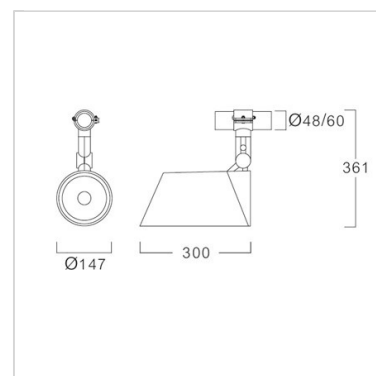
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

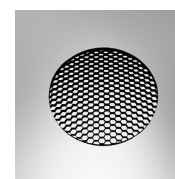
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	147x300x361 mm.
Mounting	Clamp with pipe (OD 48-60 mm.)
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL221/C/GS-30LED	30W



Related Products



Honey comb

LED Floodlight / Spotlight



 TIS FLL400

Application

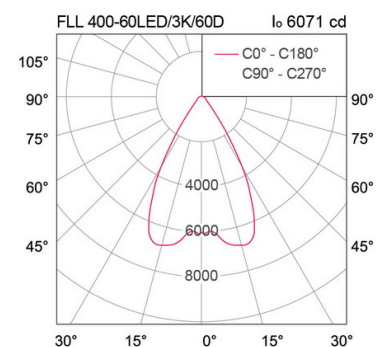
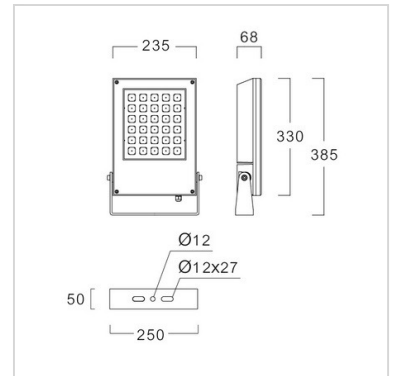
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	250x68x385 mm.
Mounting	Surface
Power	60W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	6000/6300 lm
Beam Angle	10/25/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
FLL400-60LED	60W



LED Floodlight / Spotlight



TIS FLL405/S

Application

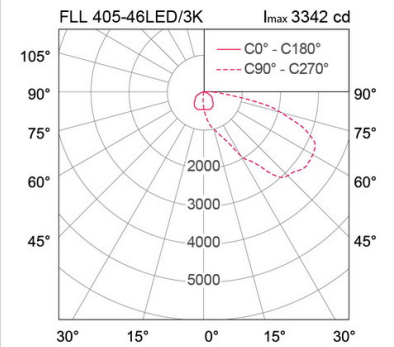
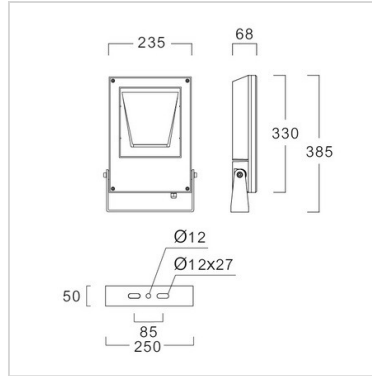
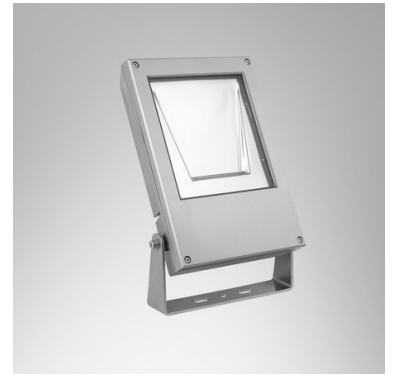
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	250x68x385 mm.
Mounting	Surface
Power	46W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	4370/4600 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL405/S-46LED	46W



TIS FLL405/B

Application

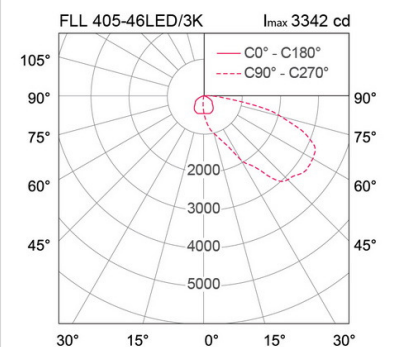
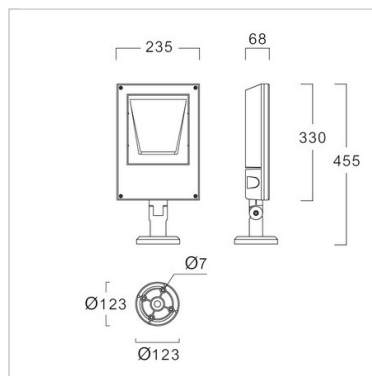
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	235x68x455 mm.
Mounting	Surface
Power	46W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	4370/4600 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
FLL405/B-46LED	46W



LED Floodlight / Spotlight



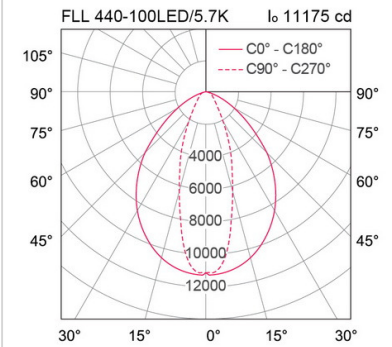
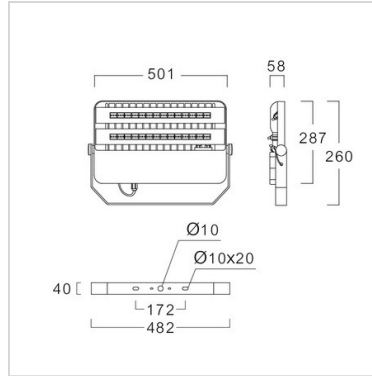
TIS FLL440

Application

Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	501x58x260 mm.
Mounting	Surface
Power	100W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	13000 lm
Beam Angle	Bi-symmetrical, 85/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 250W



Ordering Data

Model	Watt
FLL440-100LED	100W

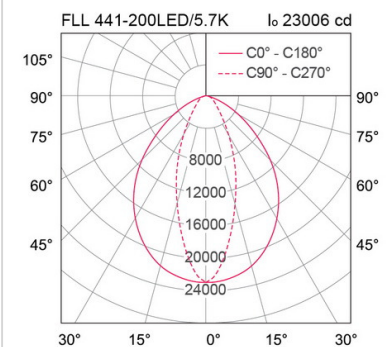
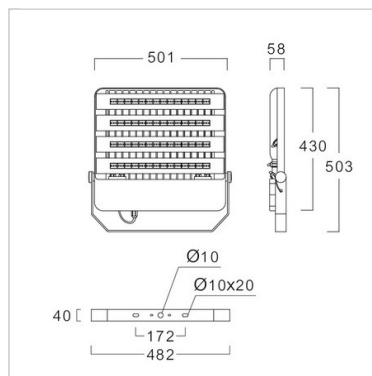
TIS FLL441

Application

Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	501x58x503 mm.
Mounting	Surface
Power	200W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	26000 lm
Beam Angle	Bi-symmetrical, 85/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 400W



Ordering Data

Model	Watt
FLL441-200LED	200W

LED Floodlight / Spotlight



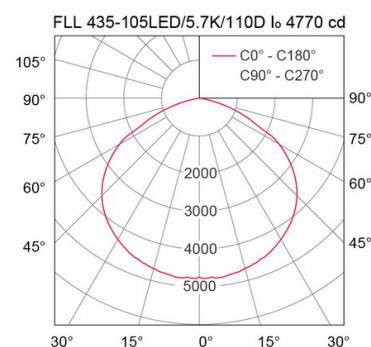
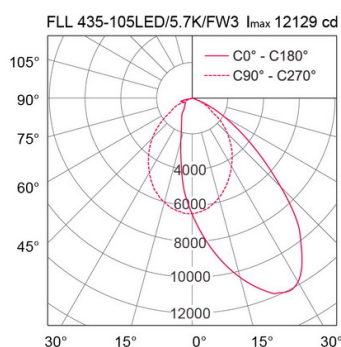
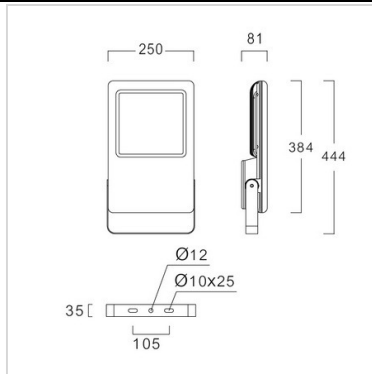
TIS FLL435

Application

Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x81x444 mm.
Mounting	Surface
Power	55/70/105W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 7150 lm 70W : 9100 lm 105W : 13650 lm
Beam Angle	Symmetrical distribution : 94/110 degree Asymmetrical distribution : FW3
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MH 100W 70W : MH 150W 105W : MH 250W



Ordering Data

Model	Watt
FLL435-55LED	55W
FLL435-70LED	70W
FLL435-105LED	105W

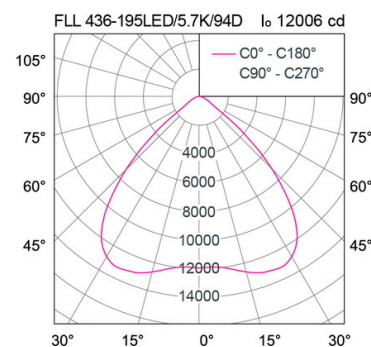
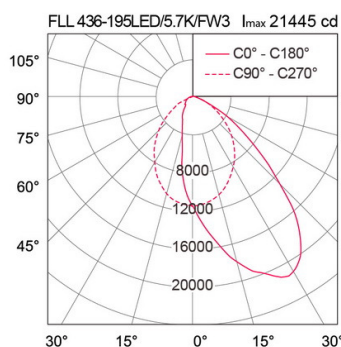
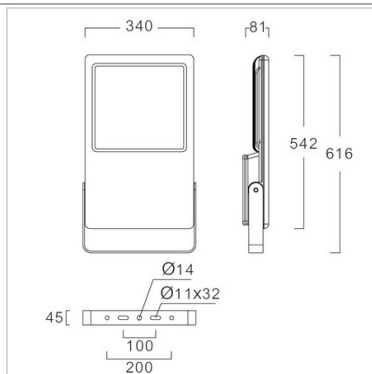
TIS FLL436

Application

Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	340x81x616 mm.
Mounting	Surface
Power	195W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	25350 lm
Beam Angle	Symmetrical distribution : 94/110 degree Asymmetrical distribution : FW3
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 400W



Ordering Data

Model	Watt
FLL436-195LED	195W

LED Floodlight / Spotlight



TIS FLL451

Application

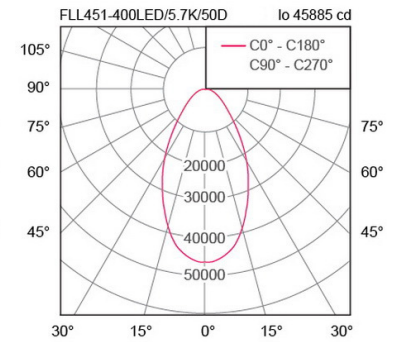
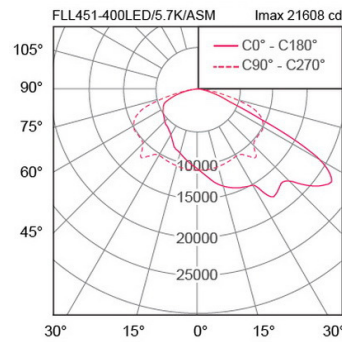
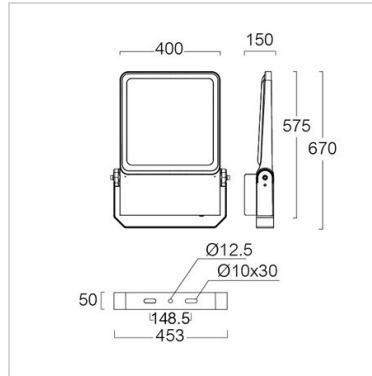
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	400x150x670 mm.
Mounting	Surface
Power	400W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	52000 lm
Beam Angle	30/50 degree, Asymmetrical beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 1000W

Ordering Data

Model	Watt
FLL451-400LED	400W



TIS FLL452

Application

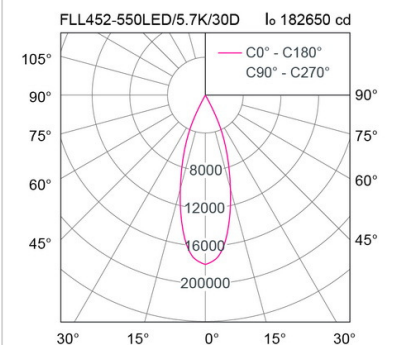
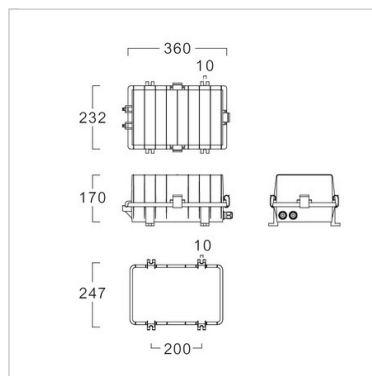
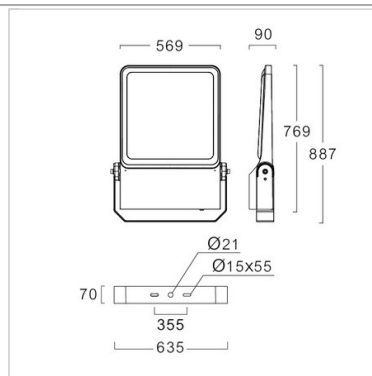
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	569x90x887 mm.
Mounting	Surface
Power	550W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	77000 lm
Beam Angle	30/50 degree, Asymmetrical beam
Control Gear	Remote driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	HPS 1000W

Ordering Data

Model	Watt
FLL452-550LED	550W



LED Floodlight / Spotlight



TIS FLL460

Application

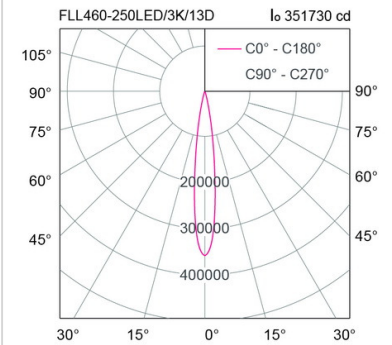
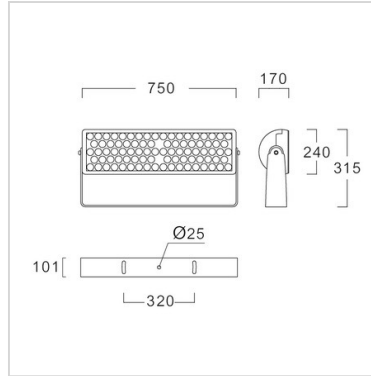
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	750x170x315 mm.
Mounting	Surface
Power	250W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	30000 lm
Beam Angle	8.5/13 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 400W

Ordering Data

Model	Watt
FLL460-250LED	250W



TIS FLL461

Application

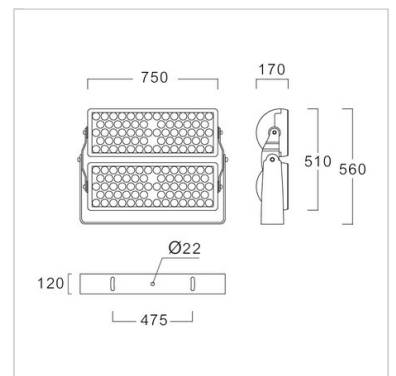
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	750x170x560 mm.
Mounting	Surface
Power	500W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	60000 lm
Beam Angle	8.5/13 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 1000W

Ordering Data

Model	Watt
FLL461-500LED	500W



LED Floodlight / Spotlight



TIS FLL800

Application

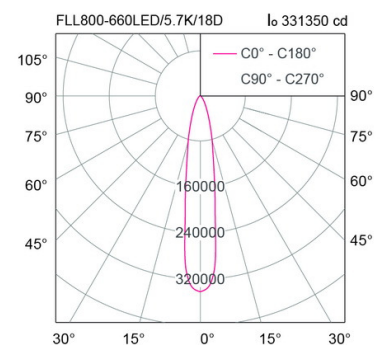
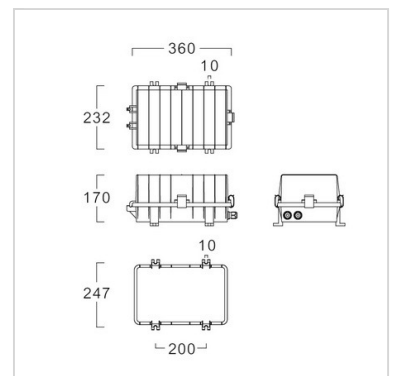
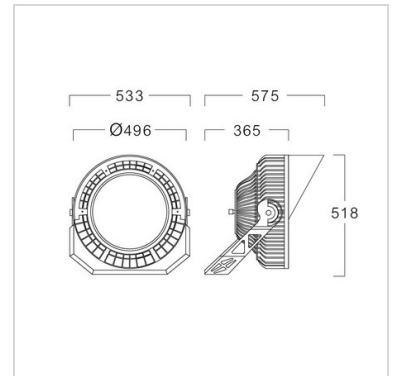
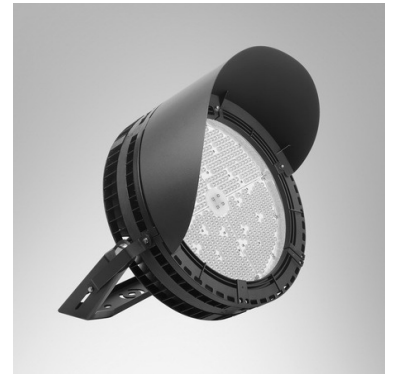
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	533x575x518 mm.
Mounting	Surface
Power	660W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	75900 lm
Beam Angle	18/30/60 degree
Control Gear	Remote driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 1000W

Ordering Data

Model	Watt
FLL800-660LED	660W



LED Floodlight / Spotlight



 TIS FLL801

Application

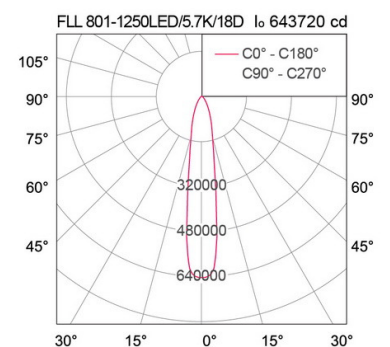
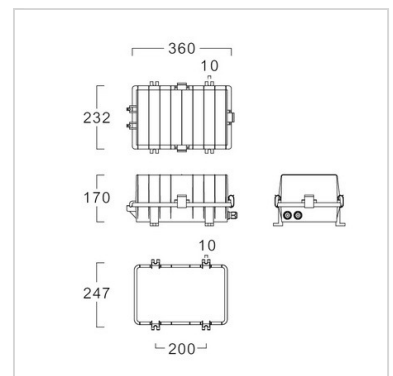
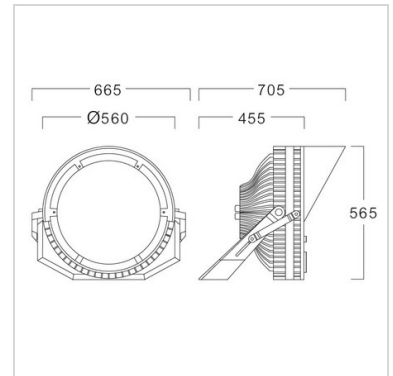
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	665x705x565 mm.
Mounting	Surface
Power	1250W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	143750 lm
Beam Angle	18/30/60 degree
Control Gear	Remote driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 2000W

Ordering Data

Model	Watt
FLL801-1250LED	1250W



LED Floodlight / Spotlight



 TIS FLL466

Application

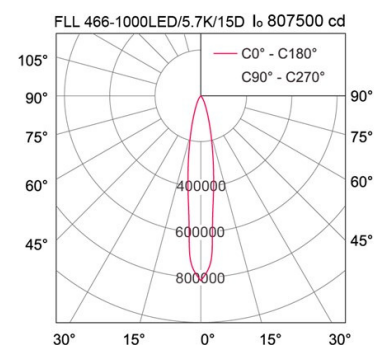
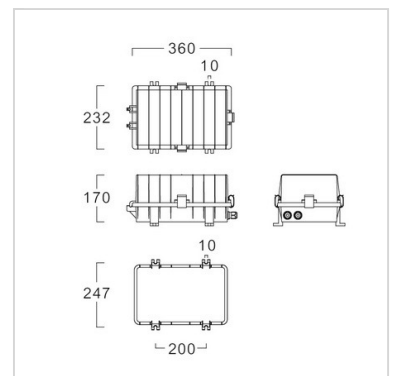
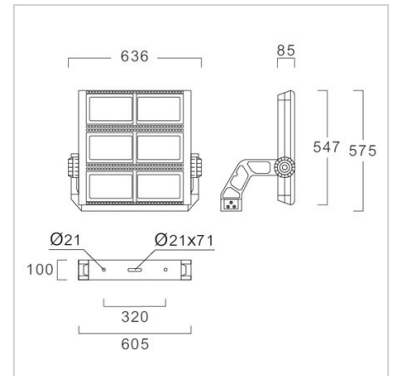
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	636x85x575 mm.
Mounting	Surface
Power	1000W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	125000/125000/140000/140000 lm
Beam Angle	10/15/30/60 degree
Control Gear	Remote driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 2000W

Ordering Data

Model	Watt
FLL466-1000LED	1000W



LED Floodlight / Spotlight



TIS FLL465

Application

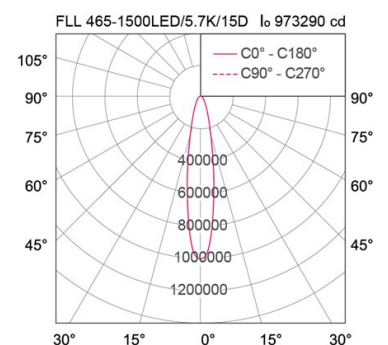
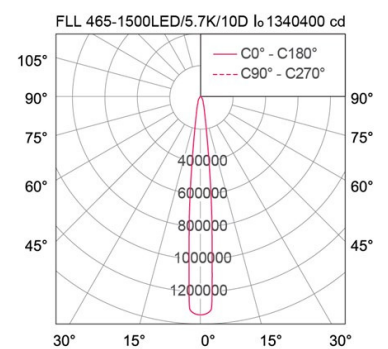
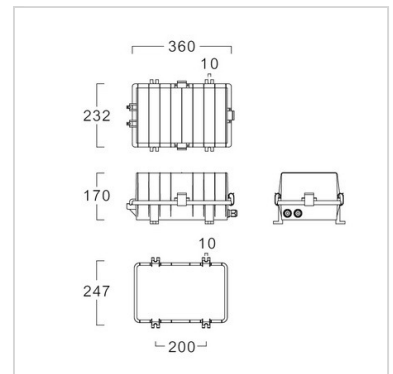
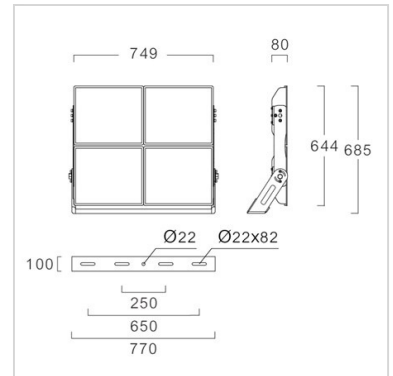
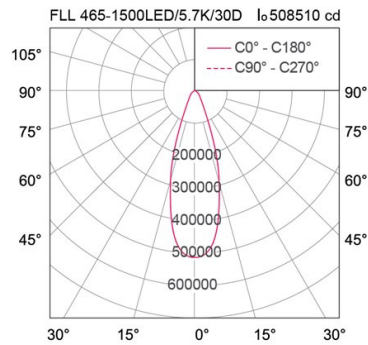
Floodlight is designed to illuminate building facade, building security, indoor and outdoor stadiums, monuments, statues, exhibition halls, shopping centers, showrooms, display areas, residences, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	749x80x685 mm.
Mounting	Surface
Power	1500W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	187500/187500/210000 lm
Beam Angle	10/15/30 degree
Control Gear	Remote driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 2000W

Ordering Data

Model	Watt
FLL465-1500LED	1500W



LED Accent



TIS **GSL100**

Application

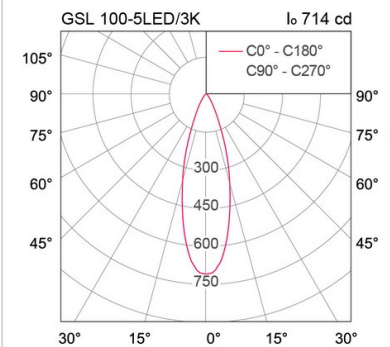
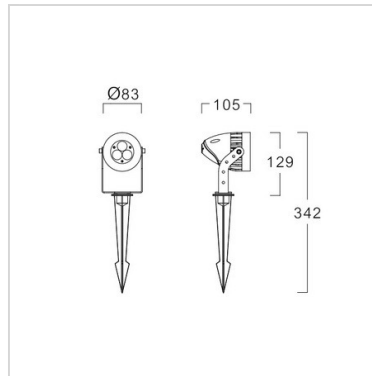
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	83x105x129 mm.
Mounting	Ground spike
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	235 lm
Beam Angle	30/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
GSL100-5LED	5W



TIS **GSL110**

Application

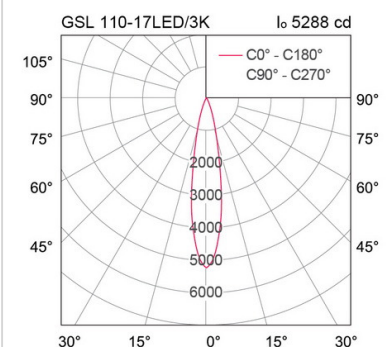
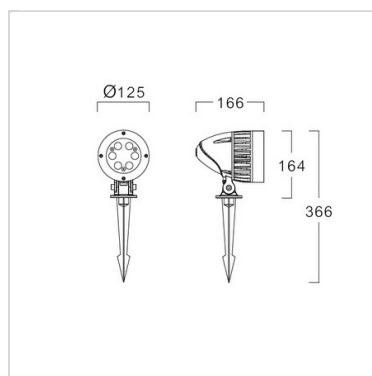
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	125x166x164 mm.
Mounting	Ground spike
Power	17W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	1070 lm
Beam Angle	30/60 degree
Control Gear	Built-in driver
Power Supply	220V 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
GSL110-17LED	17W



LED Accent



 TIS **GSL201**

Application

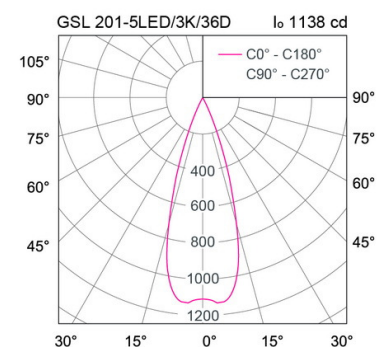
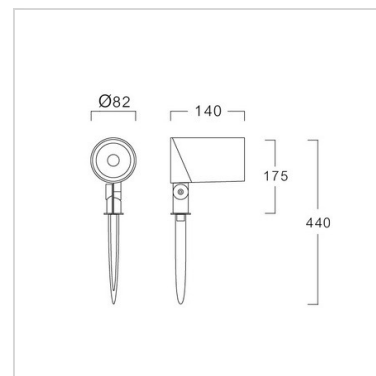
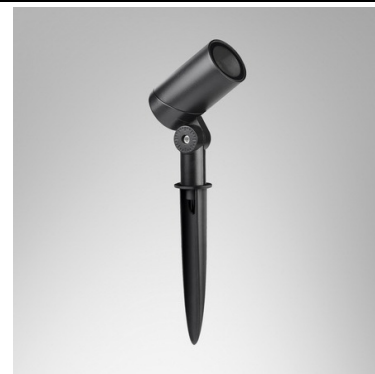
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	82x140x175 mm.
Mounting	Ground spike
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	360 lm
Beam Angle	12/24/36 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
GSL201-5LED	5W



LED Accent



TIS **GSL211**

Application

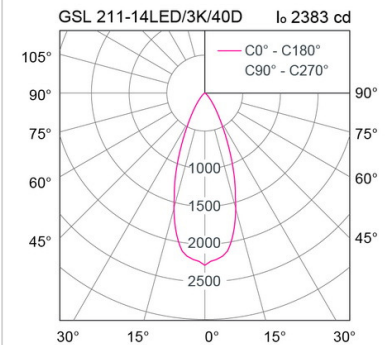
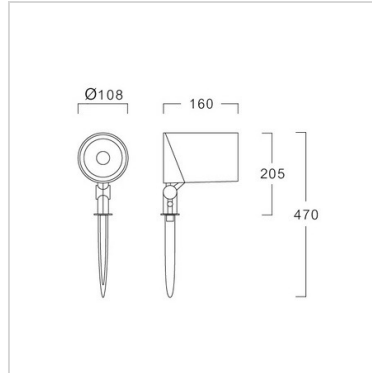
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x160x205 mm.
Mounting	Ground spike
Power	14W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	1190 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
GSL211-14LED	14W



TIS **GSL221**

Application

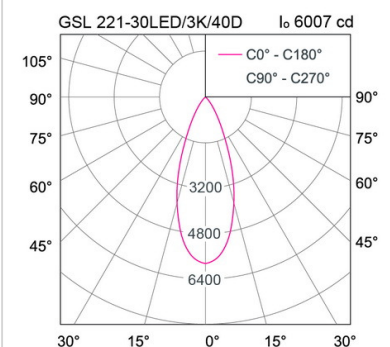
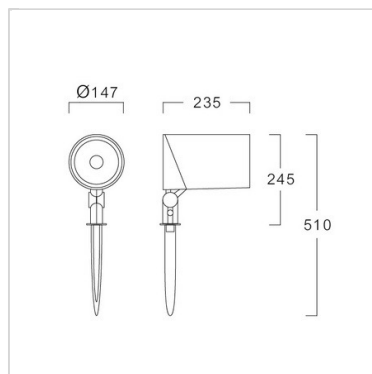
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	147x235x245 mm.
Mounting	Ground spike
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000K
Luminaire Output	3000 lm
Beam Angle	15/24/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
GSL221-30LED	30W



LED Accent



 TIS **GSL130**

Application

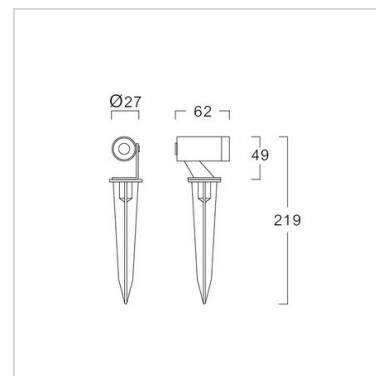
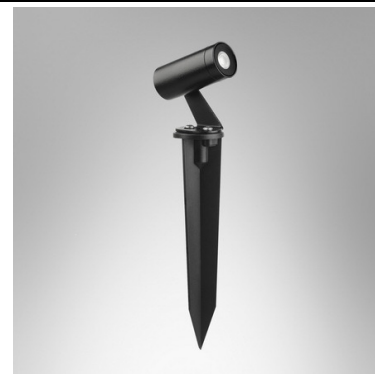
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	27x62x49 mm.
Mounting	Ground spike
Power	4W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	180 lm
Beam Angle	15/20/30 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	JC 20W

Ordering Data

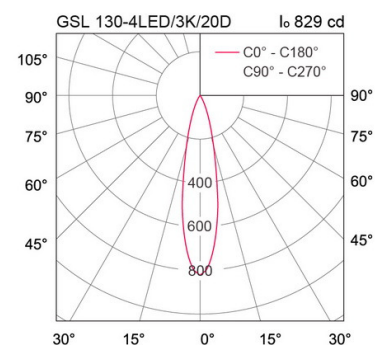
Model	Watt
GSL130-4LED	4W



Related Products



Tree strap



LED Accent



TIS **GSL131**

Application

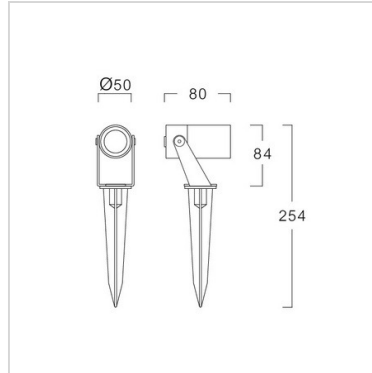
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

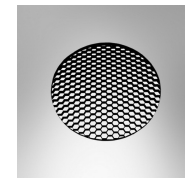
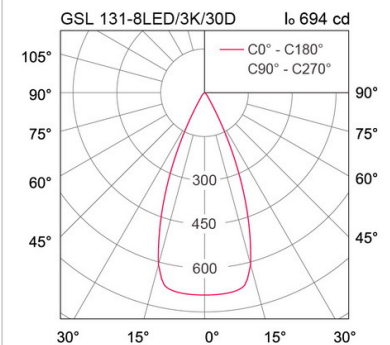
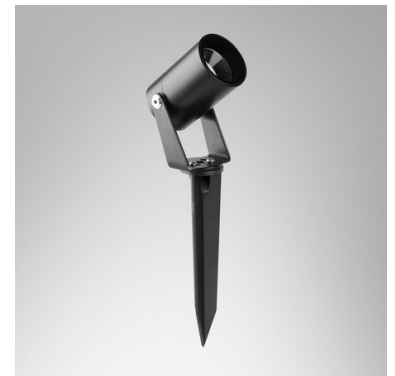
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	50x80x84 mm.
Mounting	Ground spike
Power	8W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	650 lm
Beam Angle	15/30/50 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
GSL131-8LED	8W



Related Products



Honey comb



Tree strap

TIS **GSL132**

Application

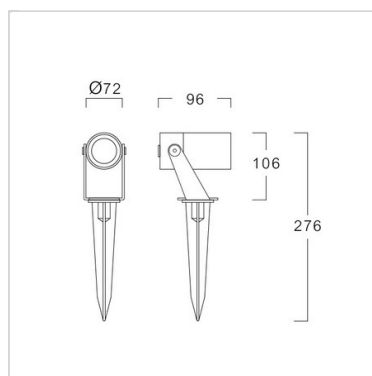
Accent Luminaire is designed for a wide variety of architectural and landscape applications to accent or highlight specific architectural and landscape features, etc.

Specification

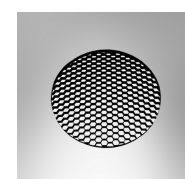
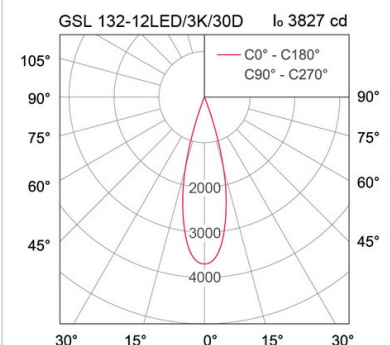
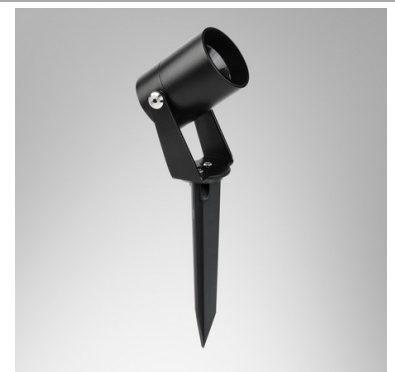
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	72x96x106 mm.
Mounting	Ground spike
Power	12W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	1100 lm
Beam Angle	15/30/50 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 100W

Ordering Data

Model	Watt
GSL132-12LED	12W



Related Products



Honey comb



Tree strap



Outdoor Lighting

Canopy/Streetlight/Area light

LED Canopy / Tunnel



TIS CAL320

Application

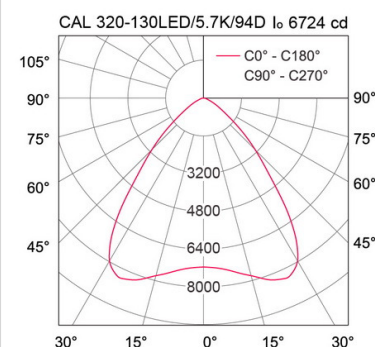
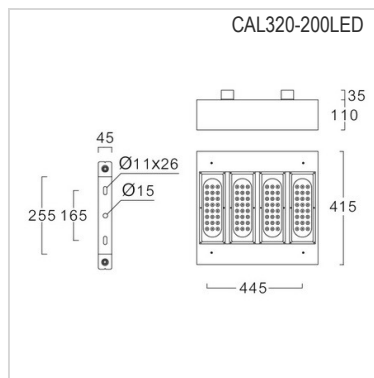
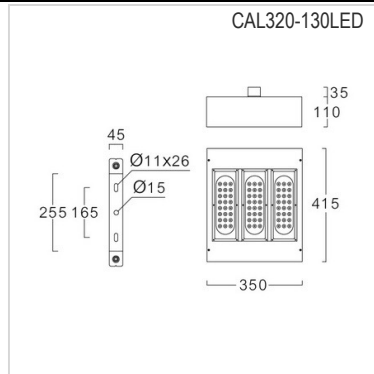
Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-cast and die-formed aluminium
Finishing	Powder coated in white
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	130W : 415x350x145 mm. 200W : 415x445x145 mm.
Mounting	Surface
Power	130/200W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	130W : 14300 lm 200W : 21000 lm
Beam Angle	94 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	130W : MH 250W 200W : MH 400W

Ordering Data

Model	Watt
CAL320-130LED	130W
CAL320-200LED	200W



TIS RCL320

Application

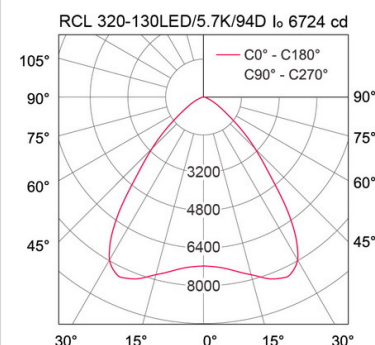
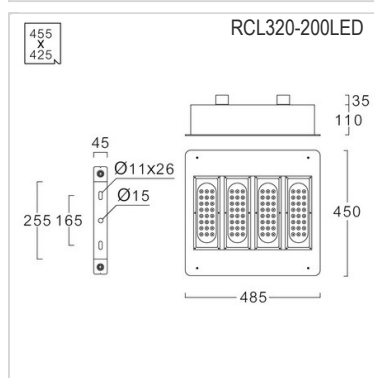
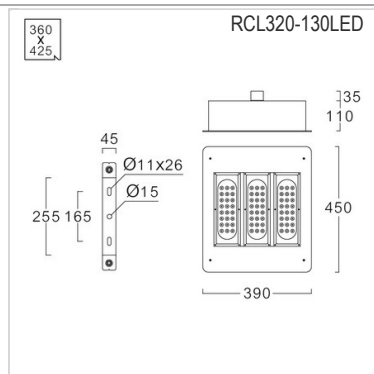
Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-cast and die-formed aluminium
Finishing	Powder coated in white
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	130W : 450x390x145 mm. 200W : 450x485x145 mm.
Cut Out	130W : 425x360 mm. 200W : 425x455 mm.
Mounting	Recessed
Power	130/200W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	130W : 14300 lm 200W : 21000 lm
Beam Angle	94 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	130W : MH 250W 200W : MH 400W

Ordering Data

Model	Watt
RCL320-130LED	130W
RCL320-200LED	200W



LED Canopy / Tunnel



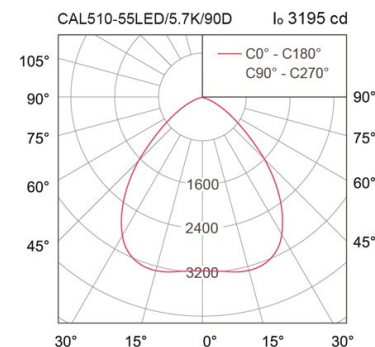
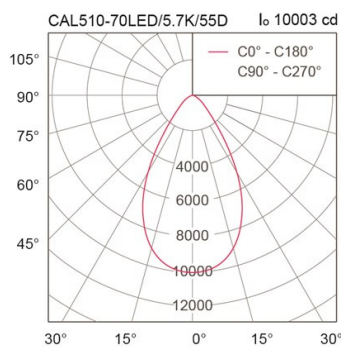
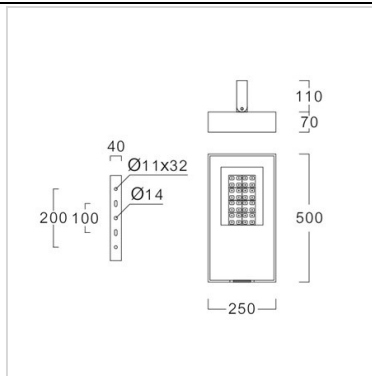
TIS CAL510

Application

Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x500x180 mm.
Mounting	Surface
Power	55/70W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 6875 lm 70W : 8750 lm
Beam Angle	55/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MH 100W 70W : MH 150W



Ordering Data

Model	Watt
CAL510-55LED/55D	55W
CAL510-55LED/90D	55W
CAL510-70LED/55D	70W
CAL510-70LED/90D	70W

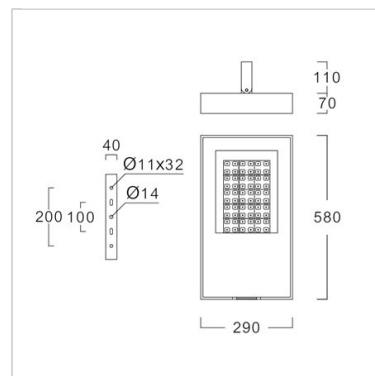
TIS CAL511

Application

Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	290x580x180 mm.
Mounting	Surface
Power	105/125W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	105W : 13650 lm 125W : 16250 lm
Beam Angle	55/90 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 250W



Ordering Data

Model	Watt
CAL511-105LED/55D	105W
CAL511-105LED/90D	105W
CAL511-125LED/55D	125W
CAL511-125LED/90D	125W

LED Canopy / Tunnel



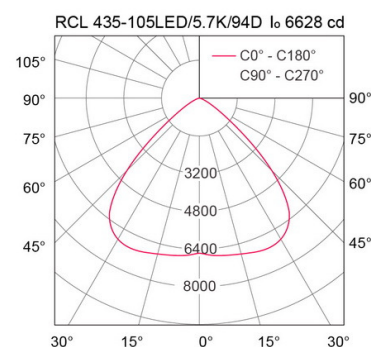
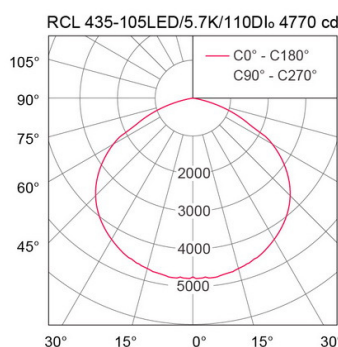
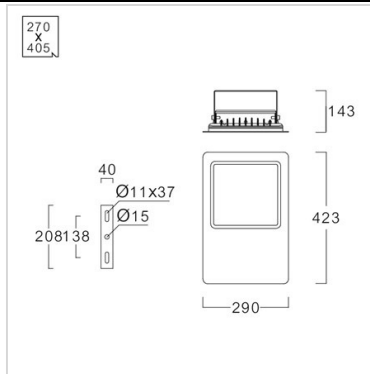
TIS RCL435

Application

Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in white
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	290x423x143 mm.
Cut Out	270x405 mm.
Mounting	Recessed
Power	55/70/105W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 7150 lm 70W : 9100 lm 105W : 13650 lm
Beam Angle	Symmetrical distribution : 94/110 degree Asymmetrical distribution : FW4
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MH 100W 70W : MH 150W 105W : MH 250W



Ordering Data

Model	Watt
RCL435-55LED	55W
RCL435-70LED	70W
RCL435-105LED	105W

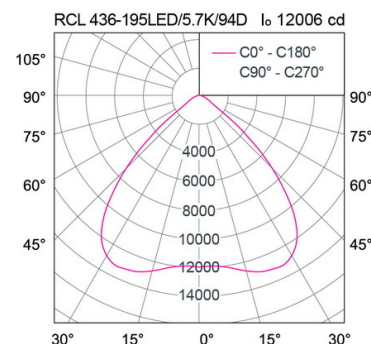
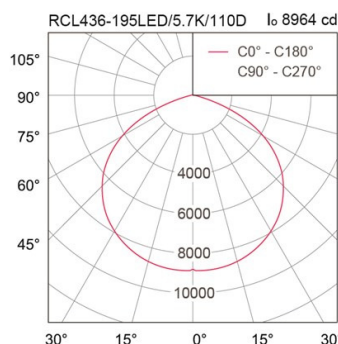
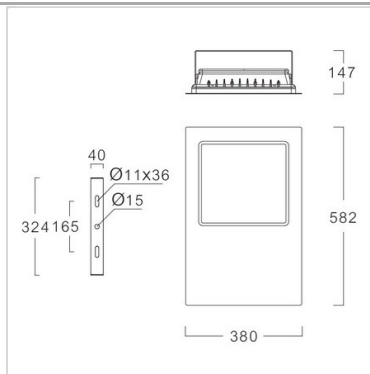
TIS RCL436

Application

Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in white
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	380x582x147 mm.
Cut Out	360x562 mm.
Mounting	Recessed
Power	195W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	25350 lm
Beam Angle	Symmetrical distribution : 94/110 degree Asymmetrical distribution : FW4
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 400W



Ordering Data

Model	Watt
RCL436-195LED	195W

LED Canopy / Tunnel



CAL620

Application

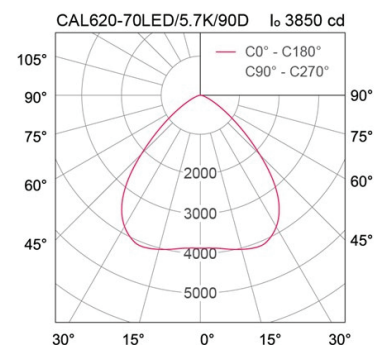
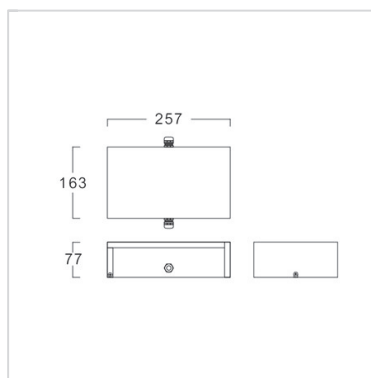
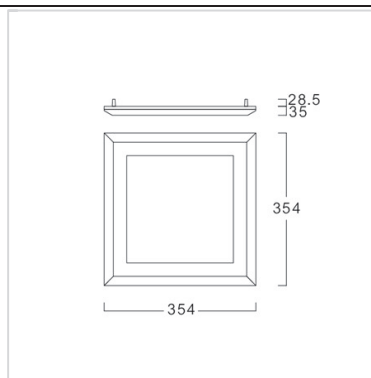
Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-formed stainless steel grade 304
Front Cover	Polycarbonate
Lens	Polycarbonate
Dimension	354x354x63.5 mm.
Mounting	Surface
Power	70W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	9680 lm
Beam Angle	30/50/90/115 degree
Control Gear	Remoted driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Ambient Temp.	-30C to 25C
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
CAL620-70LED	70W



CAL621

Application

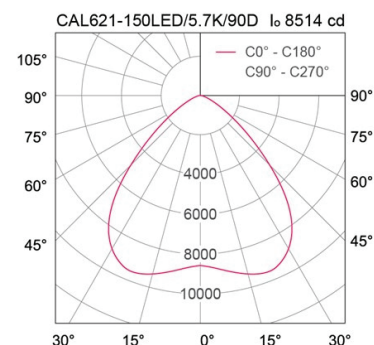
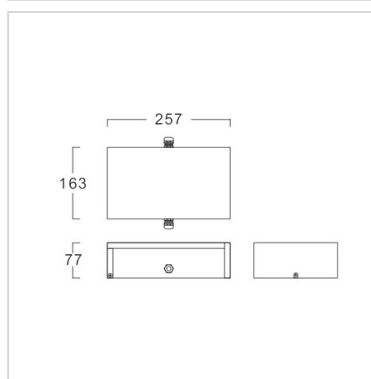
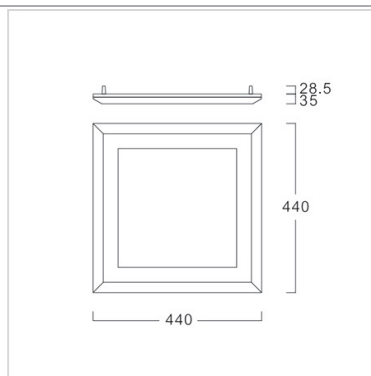
Canopy is designed to illuminate tunnels, underpasses, warehouses, garages, indoor gymnasiums, recreational and competition sport fields, etc.

Specification

Housing	Die-formed stainless steel grade 304
Front Cover	Polycarbonate
Lens	Polycarbonate
Dimension	440x440x63.5 mm.
Mounting	Surface
Power	150W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	20970 lm
Beam Angle	30/50/90/115 degree
Control Gear	Remoted driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Ambient Temp.	-30C to 25C
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 400W

Ordering Data

Model	Watt
CAL621-150LED	150W



LED Streetlight



TIS LLSL/CT

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

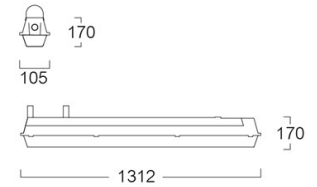
Housing	Compression moulded glass reinforced polyester (GRP), gear tray made of die-formed cold rolled steel finished high gloss baked white polyester powder
Diffuser	Injection moulded clear prismatic UV stabilized polycarbonate (PC)
Mounting	Bracket arm or pole 1.5"
Power	1L:14-18W (1 lamp) 2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	1L:L&E : 14/16/18W:2100 lm 2L:L&E : 28/32/36W:2x2100 lm
Luminaire Output	1L:14/16/18W : 1890 lm 2L:2x 14/16/18W : 3570 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	14-18W:T5 1x28W/T8 1x36W 28-36W:T5 2x28W/T8 2x36W

Ordering Data

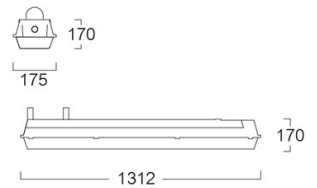
Model	Watt
LLSL/1L/CT-XXLED-T8	14-18W
LLSL/2L/CT-XXLED-T8	28-36W



LLSL/1L



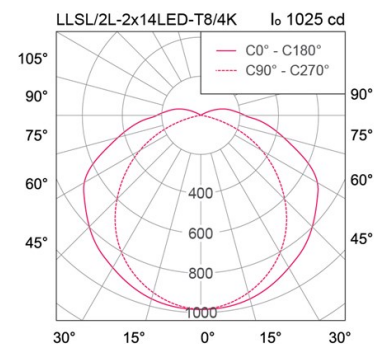
LLSL/1L



Related Products



LED-T8



LED Streetlight



 TIS LLSL180/CT

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

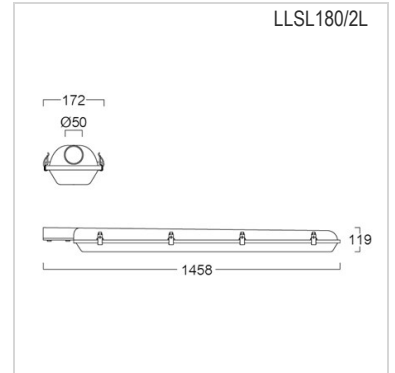
Housing	Die-cast aluminium
Finishing	Powder coated in grey
Diffuser	Injection moulded clear prismatic UV stabilized polycarbonate (PC)
Mounting	Straight entry pole or arm with ID50x150 mm
Power	2L:28-36W (2 lamps)
Light Source	LED-T8
Lamp Holder	G13
Colour Temperature	3000/4000/6500K
Lamp Output	2L:L&E : 2x14/16/18W:2x2100 lm
Luminaire Output	2L:28/32/36W : 3528 lm
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
LED Lifetime	L&E:25,000/50,000 hrs.
Equivalent	28-36W:T5 2x28W/T8 2x36W

Ordering Data

Model	Watt
LLSL180/2L/CT-XXLED-T8	28-36W



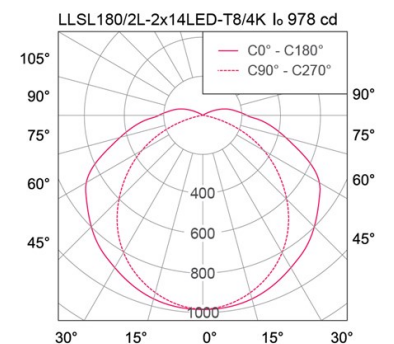
LLSL180/2L



Related Products



LED-T8



LED Streetlight



 TIS SLL26

Application

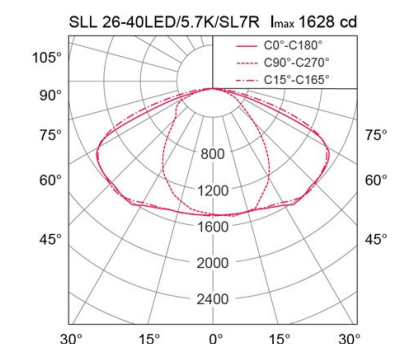
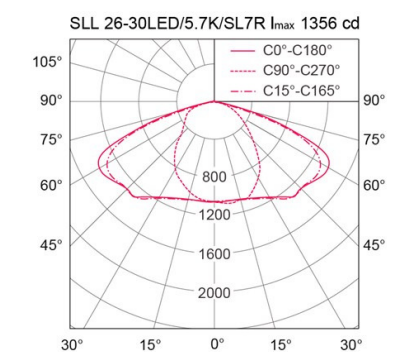
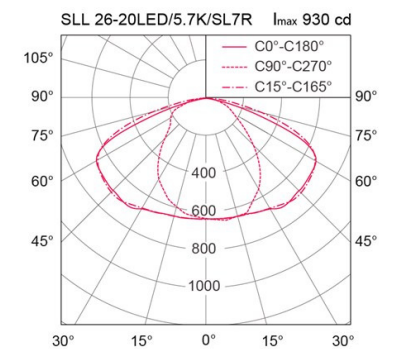
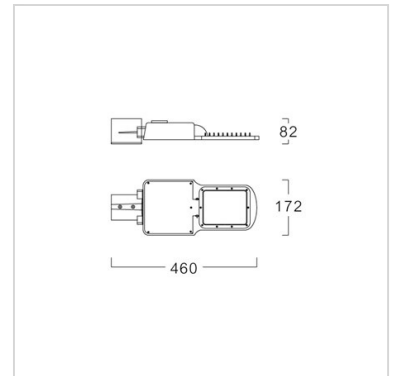
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	172x460x82 mm.
Mounting	Side entry pole or bracket arm with OD 60x80 mm. spigot
Power	20/30/40W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	20W : 2300 lm 30W : 3450 lm 40W : 4600 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	20W : T8 1x36W 30W : MV 80W 40W : T8 2x36W

Ordering Data

Model	Watt
SLL26-20LED	20W
SLL26-30LED	30W
SLL26-40LED	40W



LED Streetlight



TIS SLL781

Application

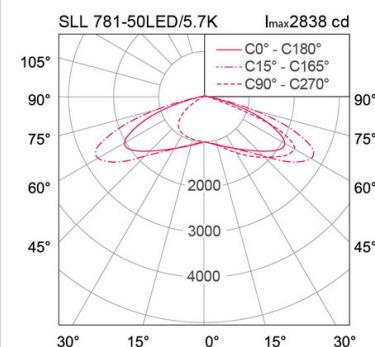
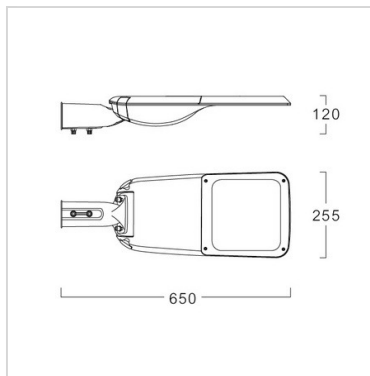
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	255x650x120 mm.
Mounting	Side entry pole or bracket arm with OD 60x100 mm. spigot
Power	50W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	5750 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MV 125W

Ordering Data

Model	Watt
SLL781-50LED	50W



TIS SLL651

Application

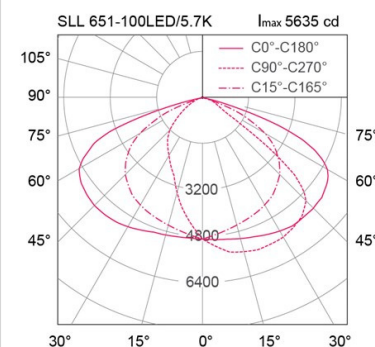
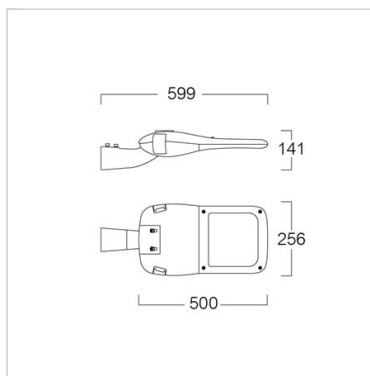
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	256x599x141 mm.
Mounting	Side entry or straight entry pole with OD 60x100 mm. spigot
Power	100W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	13000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	HPS 250W

Ordering Data

Model	Watt
SLL651-100LED	100W



LED Streetlight



TIS SLL210

Application

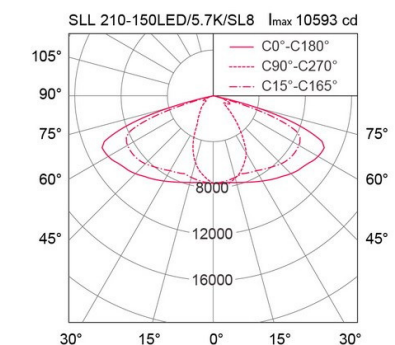
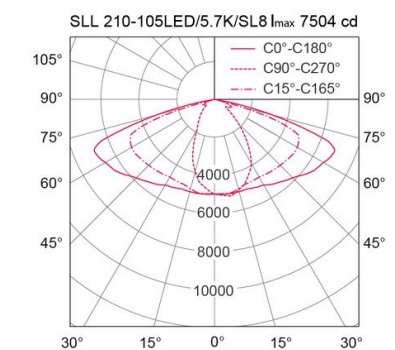
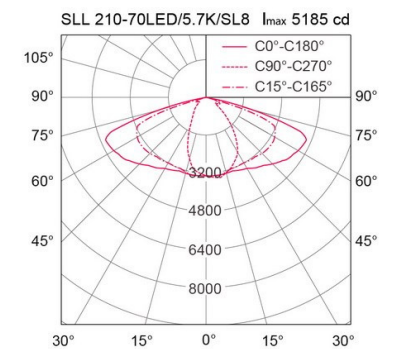
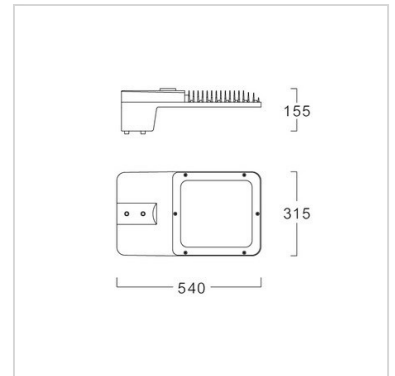
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	315x540x155 mm.
Mounting	Side entry pole or bracket arm with OD 60x120 mm. spigot
Power	70/105/150W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	70W : 9100 lm 105W : 13650 lm 150W : 19500 lm
Beam Angle	Street lighting distribution : SL8 Forward throw distribution : FW4
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	70W : HPS 150W 105W : HPS 250W 150W : HPS 400W

Ordering Data

Model	Watt
SLL210-70LED	70W
SLL210-105LED	105W
SLL210-150LED	150W



LED Streetlight



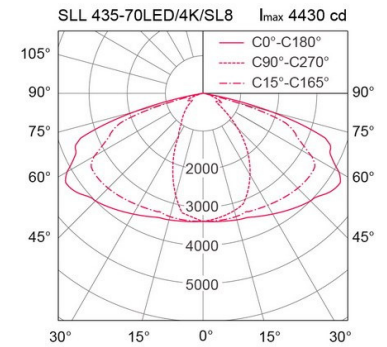
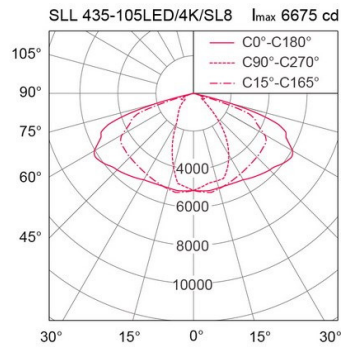
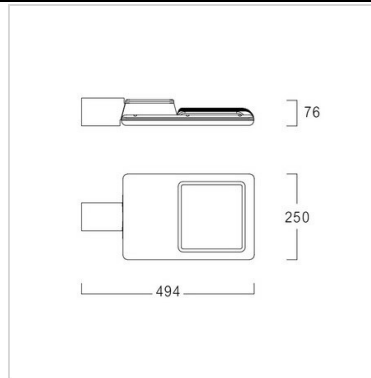
TIS SLL435

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x494x81 mm.
Mounting	Side entry pole or bracket arm with OD 60x100 mm. spigot
Power	55/70/105W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 6875 lm 70W : 8750 lm 105W : 13125 lm
Beam Angle	Street lighting distribution : SL8
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MV 125W 70W : HPS 150W 105W : HPS 250W



Ordering Data

Model	Watt
SLL435-55LED	55W
SLL435-70LED	70W
SLL435-105LED	105W

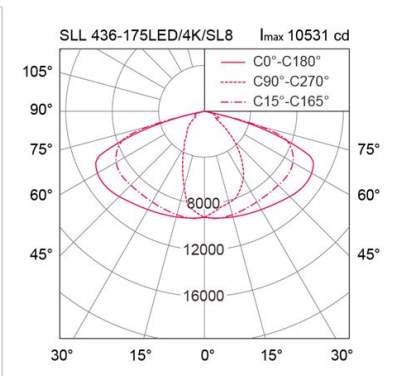
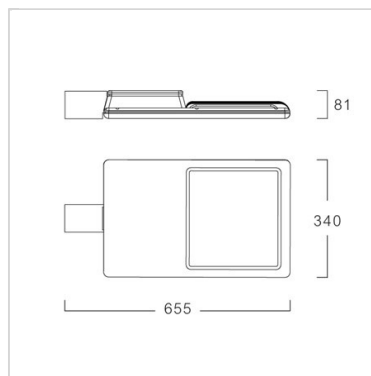
TIS SLL436

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	340x655x81 mm.
Mounting	Side entry pole or bracket arm with OD 60x100 mm. spigot
Power	175W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	21875 lm
Beam Angle	Street lighting distribution : SL8
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	HPS 400W



Ordering Data

Model	Watt
SLL436-175LED	175W

LED Streetlight



 TIS SLL610

Application

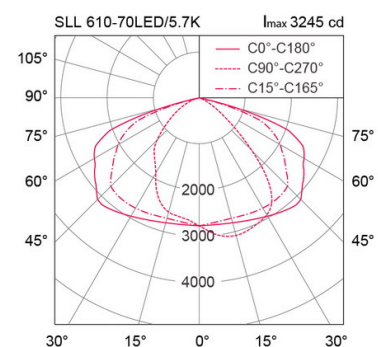
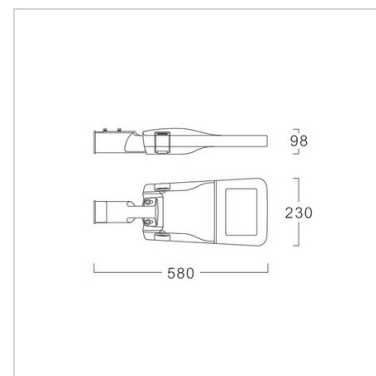
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	230x580x98 mm.
Mounting	Side entry or straight entry pole with OD 60x100 mm. spigot
Power	70W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	8750 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	HPS 150W

Ordering Data

Model	Watt
SLL610-70LED	70W



LED Streetlight



TIS SLL611

Application

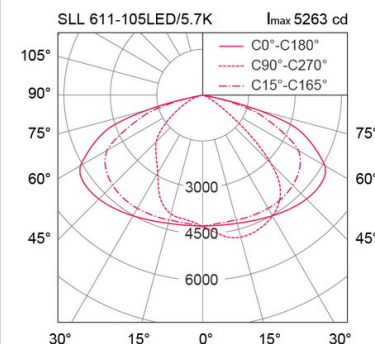
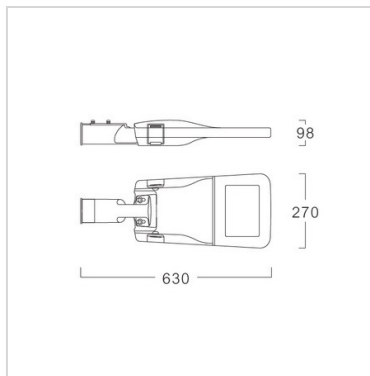
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	270x630x98 mm.
Mounting	Side entry or straight entry pole with OD 60x100 mm. spigot
Power	105W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	13125 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	HPS 250W

Ordering Data

Model	Watt
SLL611-105LED	105W



TIS SLL612

Application

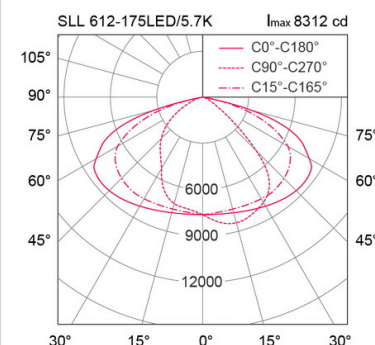
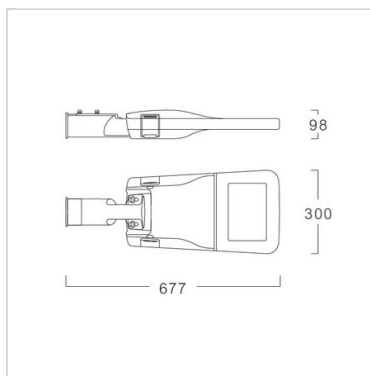
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	300x677x98 mm.
Mounting	Side entry or straight entry pole with OD 60x100 mm. spigot
Power	175W
Light Source	LED Module
Colour Temperature	5700K
Luminaire Output	21875 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	HPS 400W

Ordering Data

Model	Watt
SLL612-175LED	175W



LED Solar Streetlight



 TIS SLL10

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

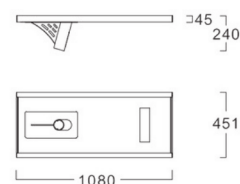
Housing	Extruded and die-formed aluminium
Description	Off-grid system (Only battery back-up), 24 hrs. back-up time
Finishing	Powder coated in grey
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	SLL10-20LED : Mono-crystalline silicon, 65W 18V SLL10-30LED : Mono-crystalline silicon, 90W 36V
Battery	SLL10-20LED : Lithium iron phosphate, 30Ah 12.8V SLL10-30LED : Lithium iron phosphate, 24Ah 25.6V
Lens	Polycarbonate
Mounting	SLL10-20LED : OD 60x170 mm. spigot SLL10-30LED : OD 60x270 mm. spigot
Power	20/30W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	20W : 2400 lm 30W : 3600 lm
Control Gear	Built-in driver
Power Supply	-
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	20W : T8 2x36W 30W : HPS 70W

Ordering Data

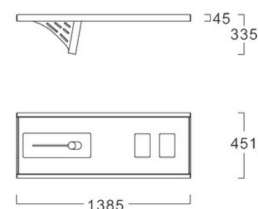
Model	Watt
SLL10-20LED-24HR	20W
SLL10-30LED-24HR	30W



SLL10-20LED-24HR



SLL10-30LED-24HR



LED Solar Streetlight



TIS SLL10H

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

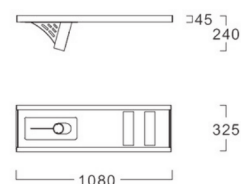
Housing	Extruded and die-formed aluminium
Description	Hybrid system (Battery back-up and 220VAC 50Hz input), 12 hrs. back-up time by battery
Finishing	Powder coated in grey
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	SLL10H-30LED : Mono-crystalline silicon, 45W 18V SLL10H-50LED : Mono-crystalline silicon, 90W 36V
Battery	SLL10H-30LED : Lithium iron phosphate, 15Ah 12.8V SLL10H-50LED : Lithium iron phosphate, 18Ah 25.6V
Lens	Polycarbonate
Mounting	SLL10H-30LED : OD 60x170 mm. spigot SLL10H-50LED : OD 60x270 mm. spigot
Power	30/50W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	30W : 3600 lm 50W : 6000 lm
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	30W : HPS 70W 50W : MH 150W

Ordering Data

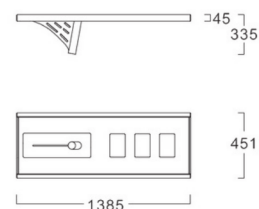
Model	Watt
SLL10H-30LED-12HR	30W
SLL10H-50LED-12HR	50W



SLL10H-30LED-12HR



SLL10H-50LED-12HR



LED Solar Streetlight



 TIS SLL3024

Application

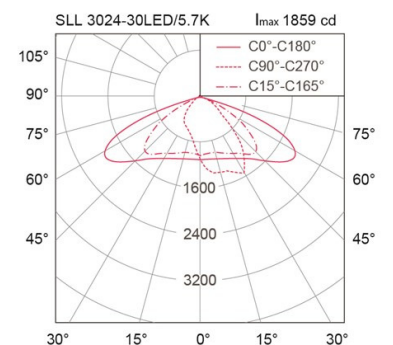
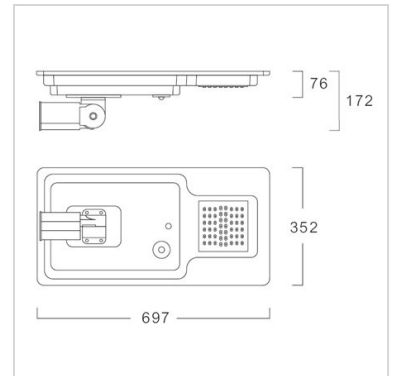
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Only battery back up), 24 hrs. back-up time
Finishing	Powder coated in grey
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	Mono-crystalline silicon, 45W 18V
Battery	Lithium iron phosphate, 24Ah 12.8V
Lens	Polycarbonate
Sensor	Motion sensor
Mounting	Side entry or straight entry pole with OD 60x80 mm. spigot
Power	30W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	3600 lm
Control Gear	Built-in driver
Power Supply	-
IP Rating	66
LED Lifetime	50,000 hrs.
Equivalent	T8 2x36W

Ordering Data

Model	Watt
SLL3024-30LED	30W



LED Streetlight



 TIS SLL5024

Application

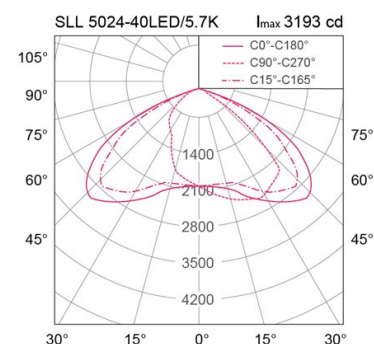
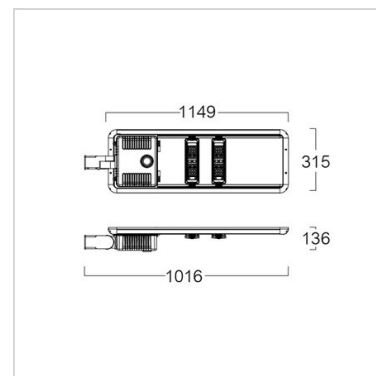
Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Only battery back up), 24 hrs. back-up time
Finishing	Powder coated in grey
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	Mono-crystalline silicon, 60W 18V
Battery	Lithium iron phosphate, 30Ah 12.8V
Lens	Polycarbonate
Sensor	Motion sensor
Mounting	Side entry or straight entry pole with OD 60x80 mm. spigot
Power	40W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	6000 lm
Control Gear	Built-in driver
Power Supply	-
IP Rating	66
LED Lifetime	50,000 hrs.
Equivalent	HPS 70W

Ordering Data

Model	Watt
SLL5024-40LED	40W



LED Solar Streetlight



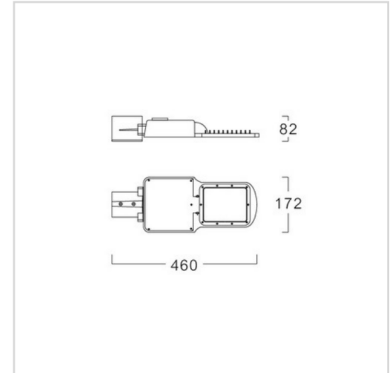
TIS SLL26-SOLAR

Specification

Housing	Fixture : Die-cast aluminium
Structure	Hot dip galvanized steel pole and solar panel mounting support Galvanized steel sheet with powder coated battery box
Description	Off-grid system (Only battery back-up), 24 hrs. back-up time
Finishing	Fixture : Powder coated in grey
Charger	12/24Vdc 15A MPPT technology
Solar Cell	SLL26-SOLAR-20LED : Poly-crystalline silicon, 80W 18V SLL26-SOLAR-40LED : Poly-crystalline silicon, 150W 18V
Battery	SLL26-SOLAR-20LED : Lithium Iron Phosphate, 30Ah 12.8V SLL26-SOLAR-40LED : Lithium Iron Phosphate, 60Ah 12.8V
Lens	Fixture : Acrylic (PMMA)
Gasket	Fixture : Silicone rubber
Dimension	Fixture : 172x460x82 mm.
Mounting	Side entry pole with OD 60x80 mm. spigot
Power	20/40W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	20W : 2400 lm 40W : 4800 lm
Power Supply	-
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	20W : T8 1x36W 40W : T8 2x36W

Ordering Data

Model	Watt
SLL26-SOLAR-20LED	20W
SLL26-SOLAR-40LED	40W



LED Solar Streetlight



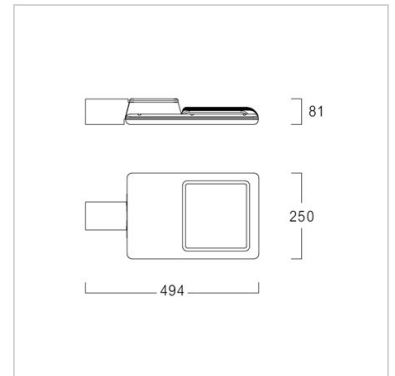
TIS SLL435-SOLAR

Specification

Housing	Fixture : Die-cast aluminium
Structure	Hot dip galvanized steel pole and solar panel mounting support Galvanized steel sheet with powder coated battery box
Description	Off-grid system (Only battery back-up), 24 hrs. back-up time
Finishing	Fixture : Powder coated in grey
Charger	12/24Vdc 20A MPPT technology
Solar Cell	Poly-crystalline silicon, 250W 18V
Battery	Lithium Iron Phosphate, 100Ah 12.8V
Lens	Fixture : Acrylic (PMMA)
Gasket	Fixture : Silicone rubber
Dimension	Fixture : 250x494x81 mm.
Mounting	Side entry pole with OD 60x80 mm. spigot
Power	50W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	6250 lm
Power Supply	-
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MV 125W

Ordering Data

Model	Watt
SLL435-SOLAR-50LED	50W



LED Arealight



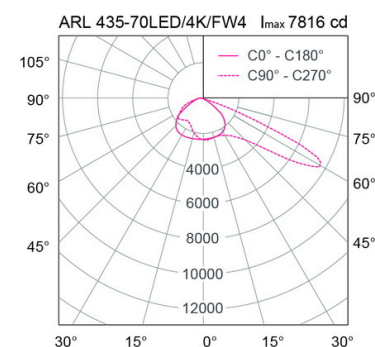
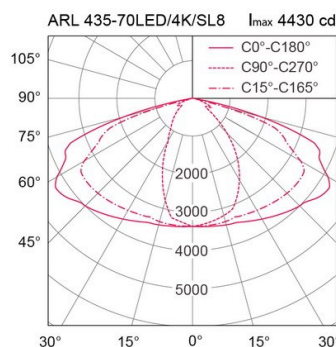
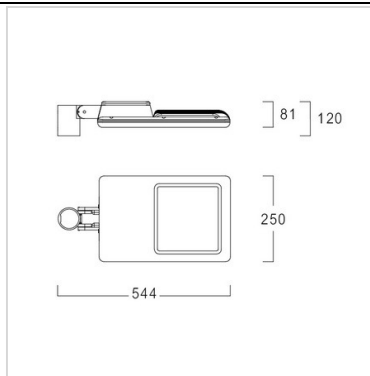
TIS ARL435

Application

Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x544x120 mm.
Mounting	Straight entry pole with OD 60x100 mm. spigot
Power	55/70/105W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 6875 lm (SL8), 6325 lm (FW4) 70W : 8750 lm (SL8), 8050 lm (FW4) 105W : 13125 lm (SL8), 12075 lm (FW4)
Beam Angle	Street lighting distribution : SL8 Forward throw distribution : FW4
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MH 100W 70W : MH 150W 105W : MH 250W



Ordering Data

Model	Watt
ARL435-55LED	55W
ARL435-70LED	70W

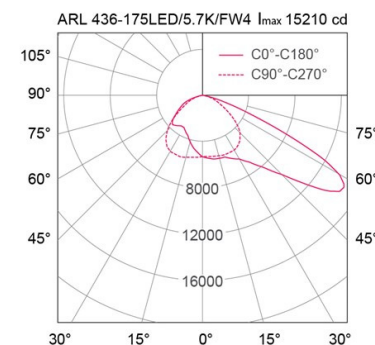
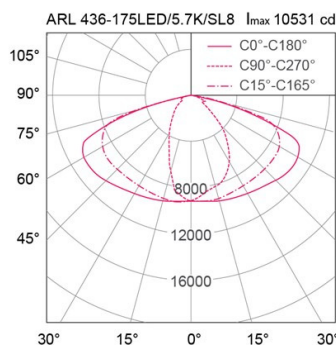
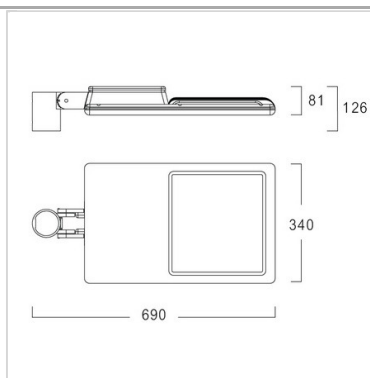
TIS ARL436

Application

Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	340x690x126 mm.
Mounting	Straight entry pole with OD 60x100 mm. spigot
Power	175W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	21875 lm
Beam Angle	Street lighting distribution : SL8 Forward throw distribution : FW4
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 400W



Ordering Data

Model	Watt
ARL436-175LED	175W

LED Arealight



TIS ARL904/A/SH

Application

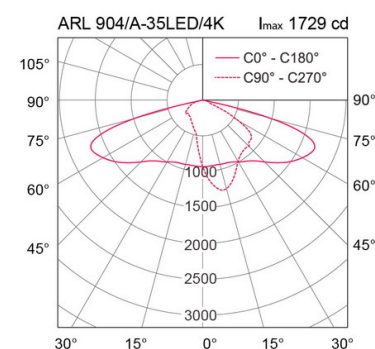
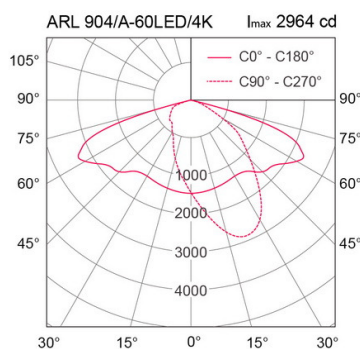
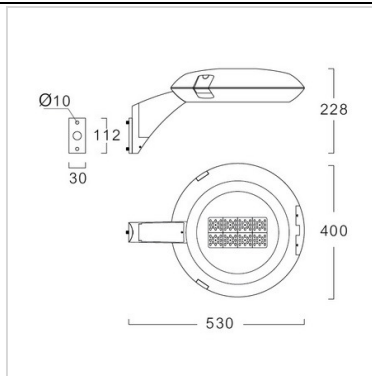
Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	400x530x228 mm.
Mounting	Surface or straight pole
Power	35/60W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	35W : 3500 lm 60W : 6000 lm
Beam Angle	Streetlight distribution (Type II)
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	35W : MH 70W 60W : MH 150W

Ordering Data

Model	Watt
ARL904/A/SH-35LED	35W
ARL904/A/SH-60LED	60W



TIS ARL904/A/DH

Application

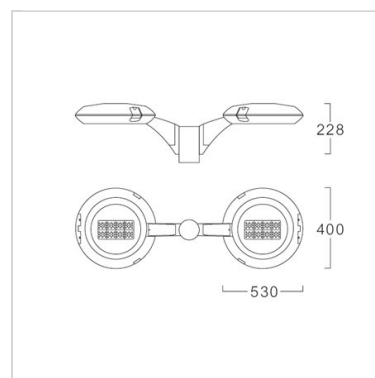
Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	400x530x228 mm.
Mounting	Surface or straight pole
Power	70W : 2x35W 120W : 2x60W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	70W : 2x3500 lm 120W : 2x6000 lm
Beam Angle	Streetlight distribution (Type II)
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	70W : MH 2x70W 120W : MH 2x150W

Ordering Data

Model	Watt
ARL904/A/DH-70LED	70W
ARL904/A/DH-120LED	120W



LED Arealight



 TIS ARL904/K

Application

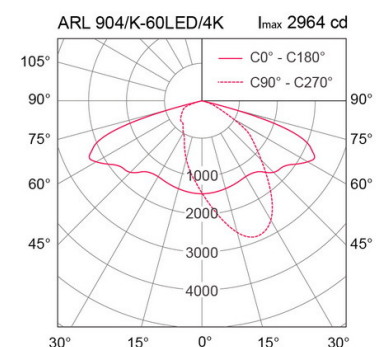
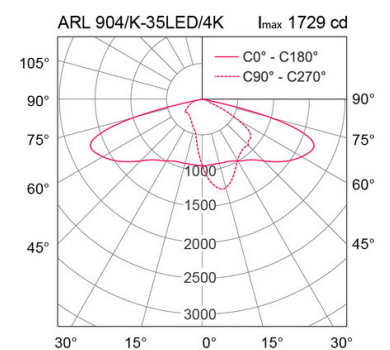
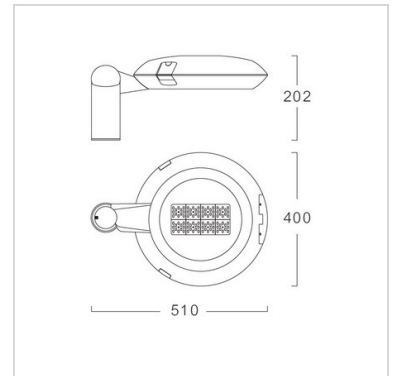
Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	400x510x202 mm.
Mounting	Straight pole with OD 60x80 mm. spigot
Power	35/60W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	35W : 3500 lm 60W : 6000 lm
Beam Angle	Streetlight distribution (Type II)
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	35W : MH 70W 60W : MH 150W

Ordering Data

Model	Watt
ARL904/K-35LED	35W
ARL904/K-60LED	60W



LED Arealight



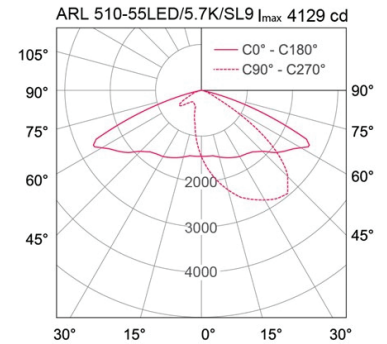
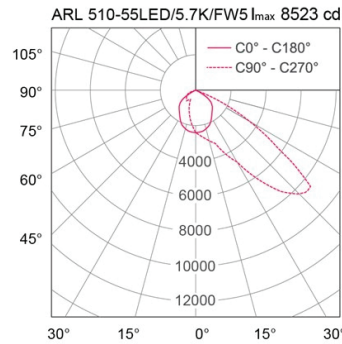
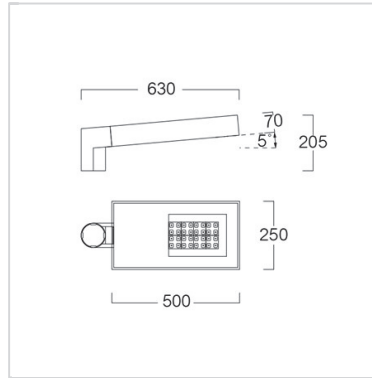
ARL510

Application

Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x630x205 mm.
Mounting	Straight entry pole with OD 60x100 mm. spigot
Power	55/70W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 6600 lm (SL9), 6875 lm (FW5) 70W : 8400 lm (SL9), 8750 lm (FW5)
Beam Angle	Street lighting distribution : SL9 Forward throw distribution : FW5
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MH 100W 70W : MH 150W



Ordering Data

Model	Watt
ARL510-55LED/FW5	55W
ARL510-55LED/SL9	55W
ARL510-70LED/FW5	70W
ARL510-70LED/SL9	70W

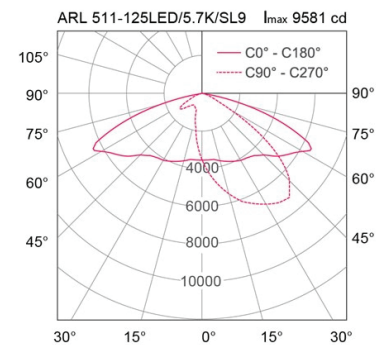
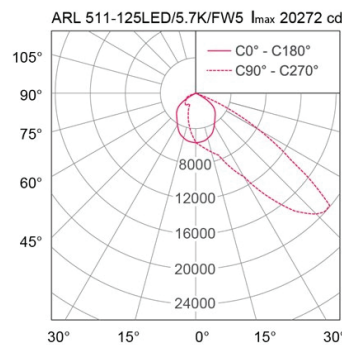
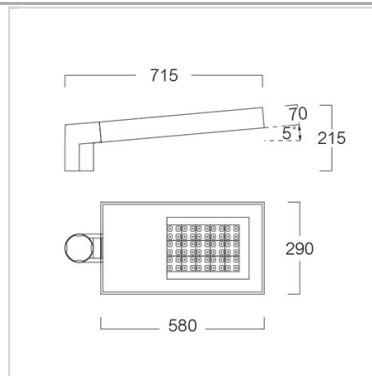
ARL511

Application

Area light luminaire is designed to illuminate shopping yards, parking lots, recreational and competition sport fields, pathways and other applications where glare limitation is required.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in black
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	290x715x215 mm.
Mounting	Straight entry pole with OD 60x100 mm. spigot
Power	105/125W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	105W : 12600 lm (SL9), 13650 lm (FW5) 125W : 15625 lm (SL9), 16250 lm (FW5)
Beam Angle	Street lighting distribution : SL9 Forward throw distribution : FW5
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 250W



Ordering Data

Model	Watt
ARL511-105LED/FW5	105W
ARL511-105LED/SL9	105W
ARL511-125LED/FW5	125W
ARL511-125LED/SL9	125W

Street Lighting Pole

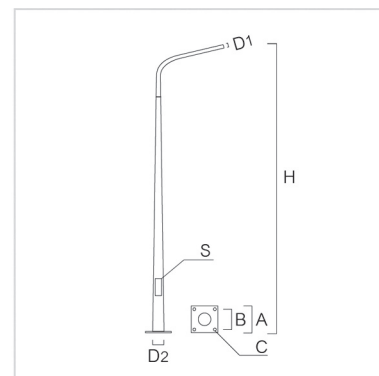
TIS RTB/SB

Specification

Structure	Hot rolled steel sheet which are 3.0-4.5 mm. in thickness,service door for cable connection,spigot dimension may be varied depend on each type of luminaire
Finishing	Hot dip galvanized
Mounting	Surface

Ordering Data

Model	H	D1/D2	S	ARM	A	B	C
RTB 030/SB	3.0	60/89	55x170	0.5	200	125	22
RTB 040/SB	4.0	60/103	55x170	0.5	300	200	22
RTB 050/SB	5.0	60/113	55x170	2.0	350	250	32
RTB 060/SB	6.0	60/127	85x300	2.0	350	250	32
RTB 070/SB	7.0	60/141	85x400	2.0	350	250	32
RTB 080/SB	8.0	60/156	90x400	2.0	350	250	32
RTB 090/SB	9.0	60/170	90x400	2.5	350	250	32
RTB 100/SB	10.0	76/200	90x400	2.5	400	300	32
RTB 120/SB	12.0	76/219	95x400	2.5	450	350	32



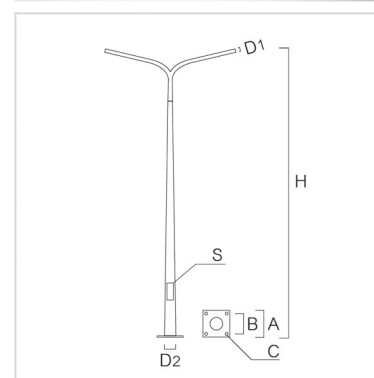
TIS RTB/DB

Specification

Structure	Hot rolled steel sheet which are 3.0-4.5 mm. in thickness,service door for cable connection,spigot dimension may be varied depend on each type of luminaire
Finishing	Hot dip galvanized
Mounting	Surface

Ordering Data

Model	H	D1/D2	S	ARM	A	B	C
RTB 030/DB	3.0	60/89	55x170	0.5	200	125	22
RTB 040/DB	4.0	60/103	55x170	0.5	300	200	22
RTB 050/DB	5.0	60/113	55x170	2.0	350	250	32
RTB 060/DB	6.0	60/127	85x300	2.0	350	250	32
RTB 070/DB	7.0	60/141	85x400	2.0	350	250	32
RTB 080/DB	8.0	60/156	90x400	2.0	350	250	32
RTB 090/DB	9.0	60/170	90x400	2.5	350	250	32
RTB 100/DB	10.0	76/200	90x400	2.5	400	300	32
RTB 120/DB	12.0	76/219	95x400	2.5	450	350	32



Area Lighting Pole

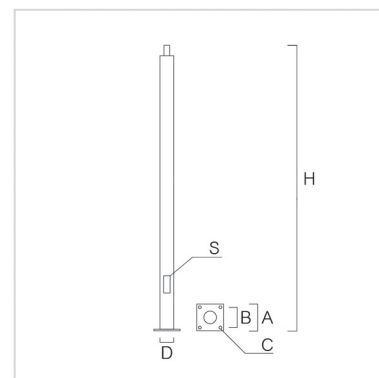
 TIS LTP

Specification

Structure	Tubular steel, service door for cable connection, spigot dimension may be varied depend on each type of luminaire
Finishing	Zinc coated and powder coated
Mounting	Surface

Ordering Data

Model	H	D	S	A	B	C	T
LTP 30C	3000	114	70x220	250	200	22	15
LTP 40C	4000	114	70x220	250	200	22	15
LTP 50C	5000	114	70x220	250	200	22	15
LTP 60C	6000	114	70x220	250	200	22	15
LTP 50D	5000	140	85x182	300	250	22	15
LTP 60D	6000	140	85x182	300	250	22	15
LTP 70D	7000	140	85x182	400	300	30	25
LTP 80D	8000	140	85x182	450	300	30	25



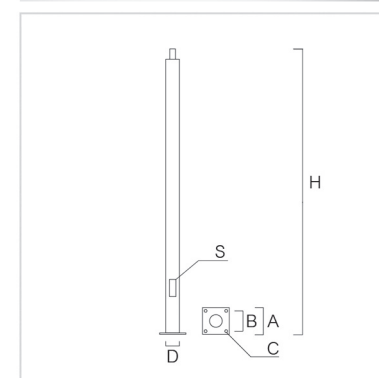
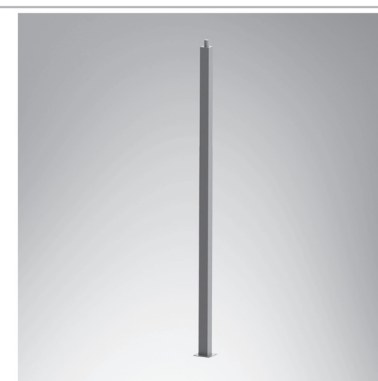
 TIS SSP

Specification

Structure	Square tubular steel, service door for cable connection, spigot dimension may be varied depend on each type of luminaire
Finishing	Powder coated (Zinc coated is optional)
Mounting	Surface

Ordering Data

Model	H	D	S	A	B	C	T
SSP 050	5000	125	73x240	400	300	30	20
SSP 060	6000	125	73x240	400	300	30	20
SSP 080	8000	125	73x240	400	300	30	20
SSP 090	9000	125	73x240	400	300	30	20
SSP 100	10000	125	73x240	400	300	30	20





Outdoor Lighting

Underwater/Inground

LED Underwater



TIS SUB015/LED

Application

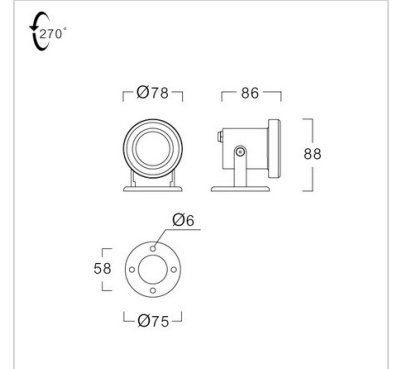
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Finishing	Matt finished
Lens	Clear toughened glass
Dimension	78x86x88 mm.
Mounting	Surface
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Lamp Output	550 lm
Beam Angle	35 degree
Control Gear	Remote driver
Power Supply	0.25A
Insulation Class	III
IP Rating	68
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W

Ordering Data

Model	Watt
SUB015-5LED	5W



TIS SUW015/LED

Application

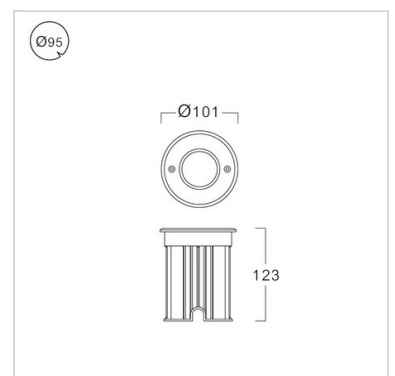
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Finishing	Matt finished
Lens	Clear toughened glass
Dimension	Dia. 101x123 mm.
Cut Out	Dia. 95 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Lamp Output	550 lm
Beam Angle	35 degree
Control Gear	Remote driver
Power Supply	0.25A
Insulation Class	III
IP Rating	68
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W

Ordering Data

Model	Watt
SUW015-5LED	5W



LED Underwater



TIS SUL200

Application

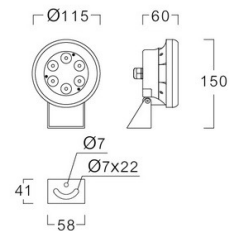
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Dimension	115x60x150 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	2700K
Beam Angle	10/40 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
SUL 200-6LED	6W



TIS SUL201

Application

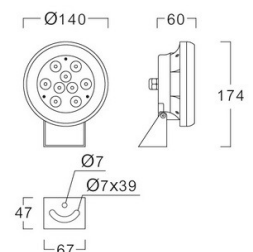
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Dimension	140x60x174 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	2700K
Beam Angle	10/40 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68
Luminaire Lifetime	30,000 hrs.
Equivalent	QR111 75W

Ordering Data

Model	Watt
SUL201-10LED	10W



LED Underwater



TIS RUL201

Application

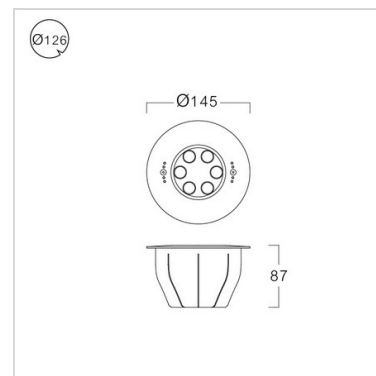
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Dimension	Dia. 145x87 mm.
Cut Out	Dia. 126 mm.
Mounting	Recessed in block out made of polypropylene
Power	15W
Light Source	LED Module
Colour Temperature	2700K
Beam Angle	10/40 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68
Luminaire Lifetime	30,000 hrs.
Equivalent	QR111 75W

Ordering Data

Model	Watt
RUL201-15LED	15W



TIS RUL202

Application

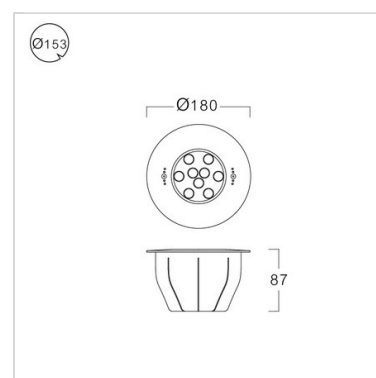
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	Grade 316 stainless steel
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Dimension	Dia. 180x87 mm.
Cut Out	Dia. 153 mm.
Mounting	Recessed in block out made of polypropylene
Power	21W
Light Source	LED Module
Colour Temperature	2700K
Beam Angle	10/40 degree
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68
Luminaire Lifetime	30,000 hrs.
Equivalent	QR111 100W

Ordering Data

Model	Watt
RUL202-21LED	21W



LED Underwater



TIS SUL275

Application

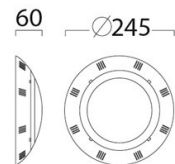
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	ABS plastic
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Dia.245x60 mm.
Mounting	Surface
Power	9W
Light Source	LED Module
Colour Temperature	3000K
Lamp Output	720 lm
Beam Angle	Symmetrical wide beam
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	68
Luminaire Lifetime	25,000 hrs.
Equivalent	QR111 50W

Ordering Data

Model	Watt
SUL275-9LED	9W



TIS SUL280

Application

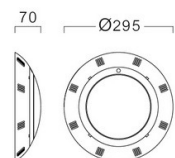
Underwater is designed to illuminate aquariums, water falls, swimming pools, fountains, etc.

Specification

Housing	ABS plastic
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	Dia.295x70 mm.
Mounting	Surface
Power	16W
Light Source	LED Module
Colour Temperature	3000K
Beam Angle	Symmetrical wide beam
Control Gear	Remote driver
Power Supply	0.5A
Insulation Class	III
IP Rating	68
Luminaire Lifetime	25,000 hrs.
Equivalent	QR111 75W

Ordering Data

Model	Watt
SUL280-16LED	16W



LED Inground



TIS INL100

Application

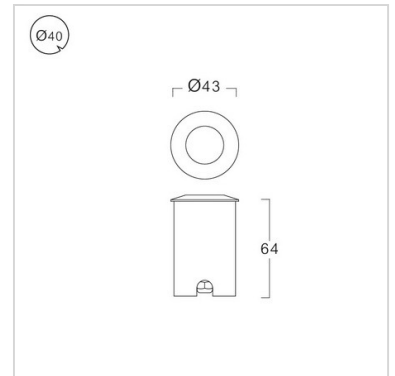
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Corrosion resistant aluminium
Finishing	Matt finished
Lens	Frosted glass
Gasket	Silicone rubber
Cable Entry	PG7 nickel brass cable gland
Dimension	Dia.43x64 mm.
Cut Out	Dia.40 mm.
Mounting	Recessed in block out made of aluminium
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Beam Angle	30/60 degree
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.
Equivalent	JC 10W

Ordering Data

Model	Watt
INL100-3LED	3W



TIS INL101

Application

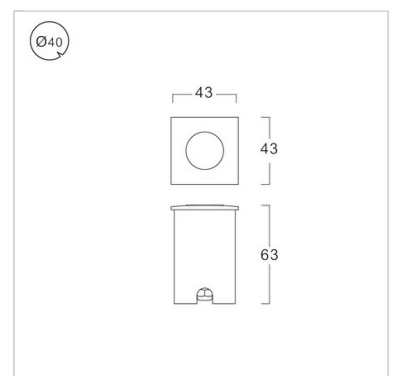
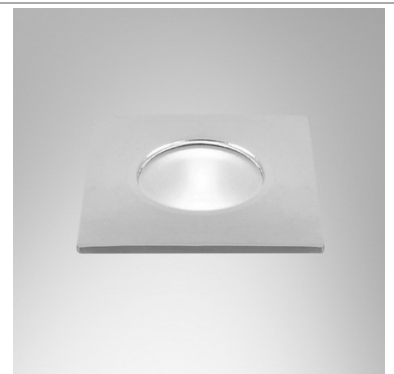
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Corrosion resistant aluminium
Finishing	Matt finished
Lens	Frosted glass
Gasket	Silicone rubber
Cable Entry	PG7 nickel brass cable gland
Dimension	43x43x63 mm.
Cut Out	Dia.40 mm.
Mounting	Recessed in block out made of aluminium
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Beam Angle	30/60 degree
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.
Equivalent	JC 10W

Ordering Data

Model	Watt
INL101-3LED	3W



LED Inground



TIS INL200

Application

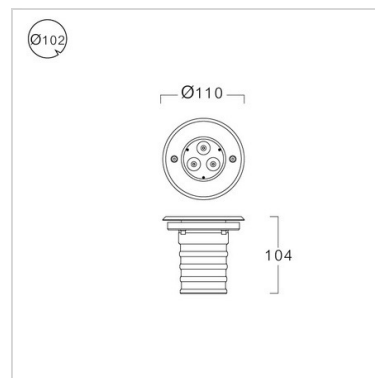
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

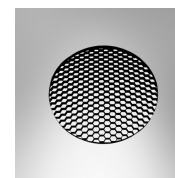
Housing	Die-cast aluminium body with grade 304 stainless steel flange
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Dimension	Dia.110x104 mm.
Cut Out	Dia.102 mm.
Mounting	Recessed in block out made of aluminium
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	255 lm
Beam Angle	25/40 degree
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 35W

Ordering Data

Model	Watt
INL200-5LED	5W



Related Products



Honey comb

TIS INL201

Application

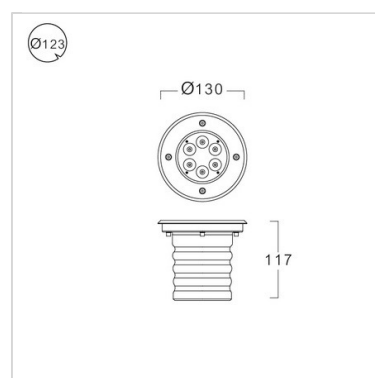
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

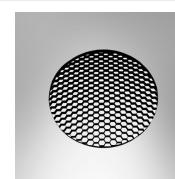
Housing	Die-cast aluminium body with grade 304 stainless steel flange
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	M12 nickel brass cable gland
Dimension	Dia.130x117 mm.
Cut Out	Dia.123 mm.
Mounting	Recessed in block out made of aluminium
Power	7W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	420 lm
Beam Angle	25/40 degree
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30,000 hrs.
Equivalent	MR16 50W

Ordering Data

Model	Watt
INL201-7LED	7W



Related Products



Honey comb

LED Inground



 TIS INL210

Application

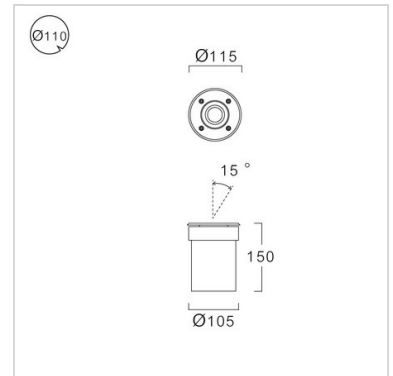
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

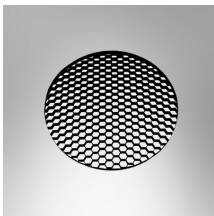
Housing	Die-cast aluminium body with grade 316 stainless steel flange
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.115x150 mm.
Cut Out	Dia.110 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	240 lm
Beam Angle	24/60 degree
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 35W

Ordering Data

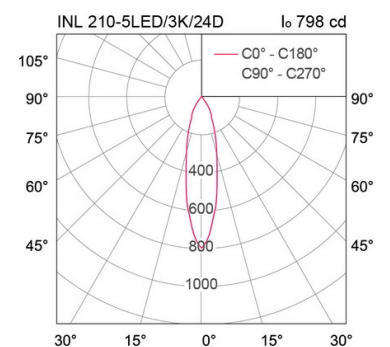
Model	Watt
INL210-5LED	5W



Related Products



Honey comb



LED Inground



TIS INL211

Application

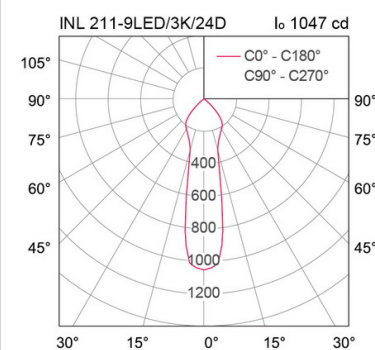
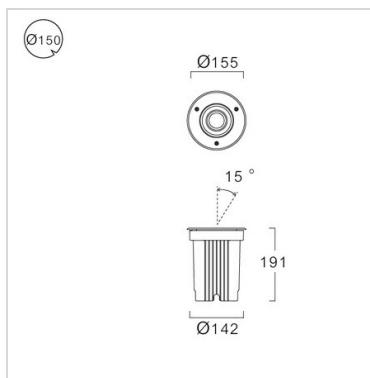
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

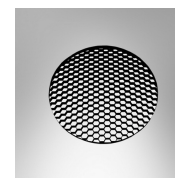
Housing	Die-cast aluminium body with grade 316 stainless steel flange
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.155x191 mm.
Cut Out	Dia.150 mm.
Mounting	Recessed in block out made of polypropylene
Power	9W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	490 lm
Beam Angle	24/60 degree
Control Gear	Remote driver
Power Supply	0.2A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
INL211-9LED	9W



Related Products



Honey comb

TIS INL212

Application

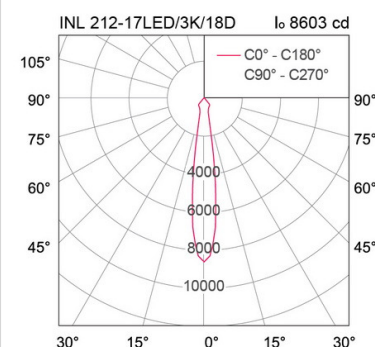
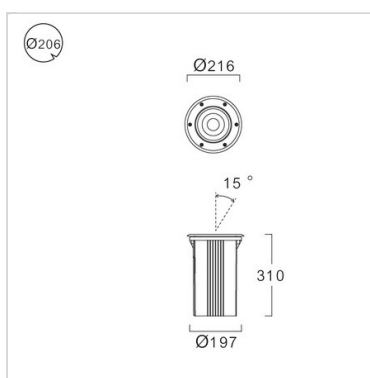
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

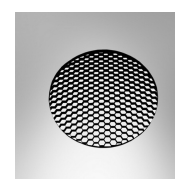
Housing	Die-cast aluminium body with grade 316 stainless steel flange
Finishing	Matt finished
Lens	Clear toughened glass
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.216x310 mm.
Cut Out	Dia.206 mm.
Mounting	Recessed in block out made of polypropylene
Power	17W
Light Source	LED-COB
Colour Temperature	3000/4000/6000K
Luminaire Output	1330 lm
Beam Angle	18/36 degree
Control Gear	Remote driver
Power Supply	0.4A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 35W

Ordering Data

Model	Watt
INL212-17LED	17W



Related Products



Honey comb

 TIS INL501
Application

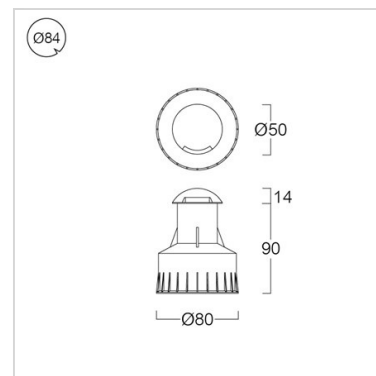
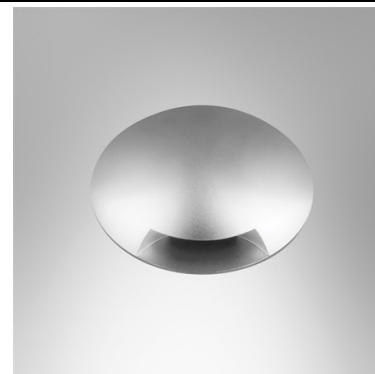
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Finishing	Powder coated in grey
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.50x104 mm.
Cut Out	Dia.84 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Lamp Output	280 lm
Beam Angle	One-direction output
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30000 hrs.
Equivalent	JC 10W

Ordering Data

Model	Watt
INL501-3LED	3W



LED Inground



TIS INL502

Application

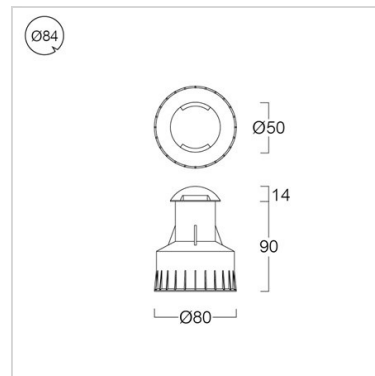
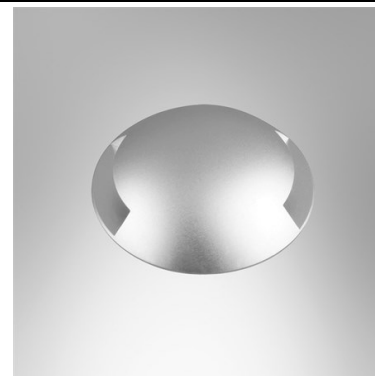
Inground luminaire is designed to accent or highlight trees, walls, columns, signboards, etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Finishing	Powder coated in grey
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.50x104 mm.
Cut Out	Dia.84 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Lamp Output	280 lm
Beam Angle	Two-direction output
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30000 hrs.
Equivalent	JC 10W

Ordering Data

Model	Watt
INL502-3LED	3W



TIS INL503

Application

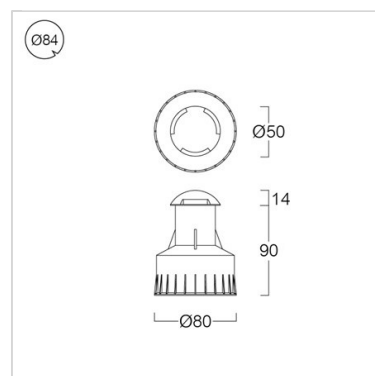
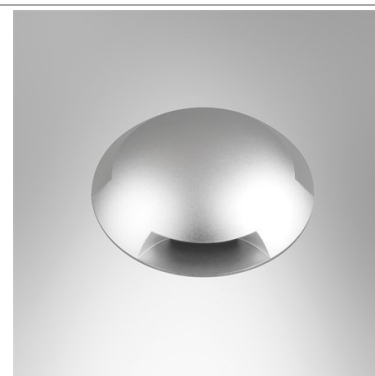
Inground luminaire is designed to accent or highlight trees, walls, columns, signboards, etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Finishing	Powder coated in grey
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.50x104 mm.
Cut Out	Dia.84 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Lamp Output	280 lm
Beam Angle	Three-direction output
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	67
Luminaire Lifetime	30000 hrs.
Equivalent	JC 10W

Ordering Data

Model	Watt
INL503-3LED	3W



LED Inground



 TIS INL601

Application

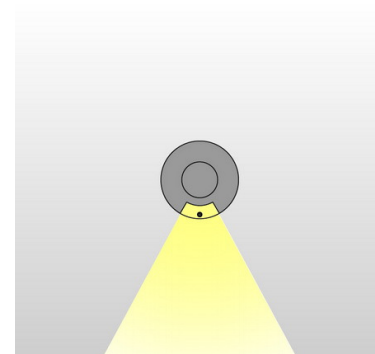
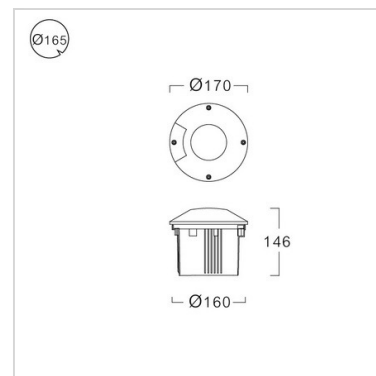
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.170x146 mm.
Cut Out	Dia.165 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Beam Angle	One-direction output
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.
Equivalent	JC 50W

Ordering Data

Model	Watt
INL601-5LED	5W



LED Inground

TIS INL602

Application

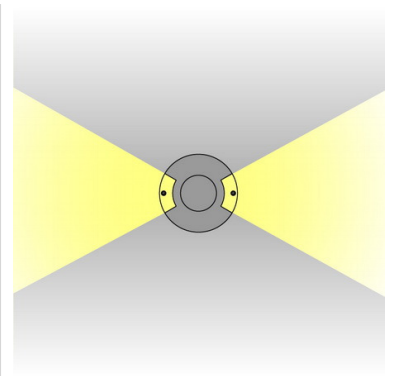
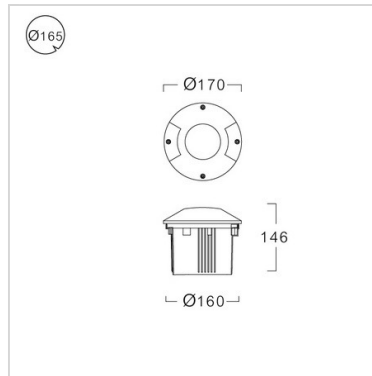
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.170x146 mm.
Cut Out	Dia.165 mm.
Mounting	Recessed in block out made of polypropylene
Power	7W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Beam Angle	Two-direction output
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.
Equivalent	JC 50W

Ordering Data

Model	Watt
INL602-7LED	7W



TIS INL604

Application

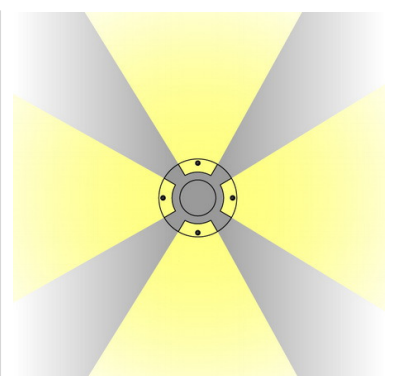
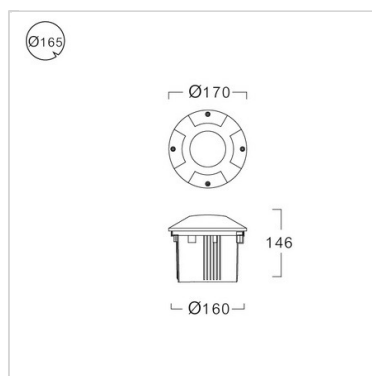
Inground luminaire is designed to accent or highlight trees,walls,columns,signboards,etc.

Specification

Housing	Body made of die-cast aluminium Top cover made of die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Cable Entry	Nickel brass cable gland
Dimension	Dia.170x146 mm.
Cut Out	Dia.165 mm.
Mounting	Recessed in block out made of polypropylene
Power	7W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Beam Angle	Four-direction output
Control Gear	Remote driver
Power Supply	0.35A
Insulation Class	III
IP Rating	67
Luminaire Lifetime	25,000 hrs.
Equivalent	JC 50W

Ordering Data

Model	Watt
INL604-7LED	7W





Outdoor Lighting

Bollard/Wall mount/Post top

LED Bollard



TIS BLL100

Application

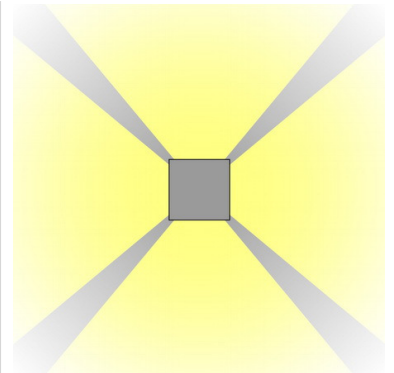
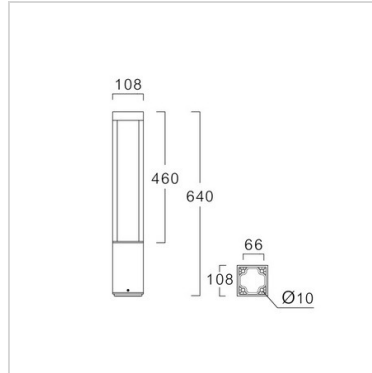
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	108x108x640 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
BLL100-6LED	6W



TIS BLL101

Application

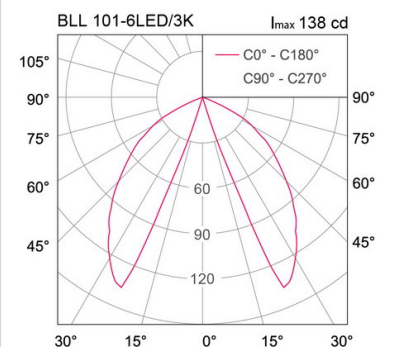
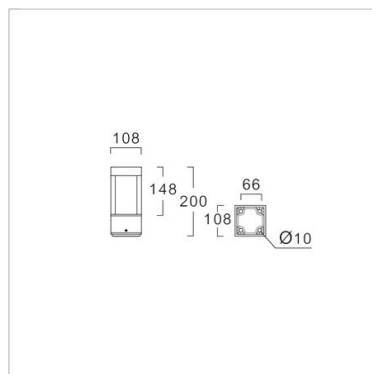
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	108x108x200 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
BLL101-6LED	6W



LED Bollard



 TIS **BLL102**

Application

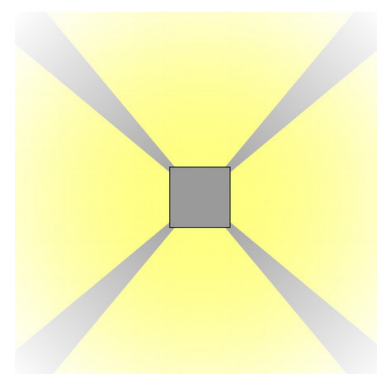
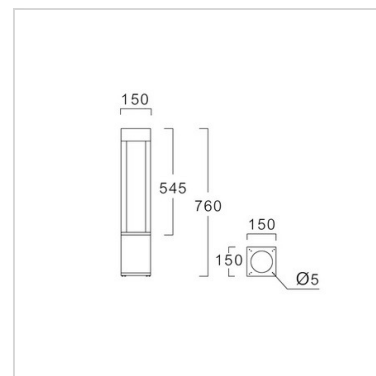
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	150x150x760 mm.
Mounting	Surface
Power	17W
Light Source	LED-COB
Colour Temperature	3000K
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 35W

Ordering Data

Model	Watt
BLL102-17LED	17W



LED Bollard



TIS BLL110

Application

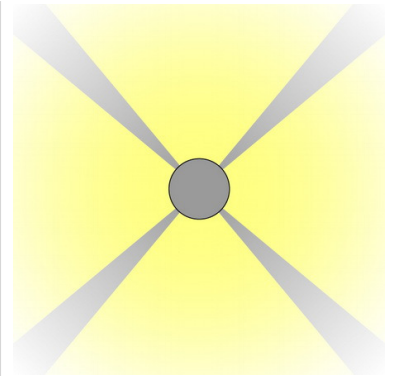
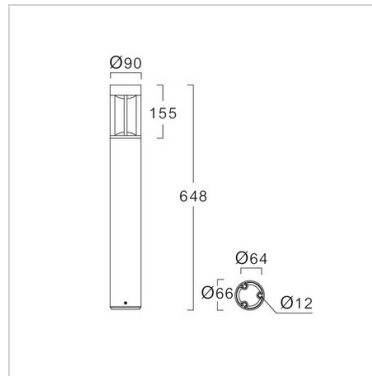
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	Dia.90x648 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	140 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
BLL110-6LED	6W



TIS BLL111

Application

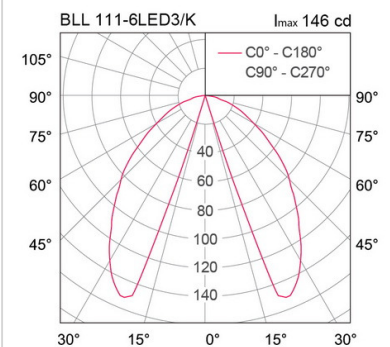
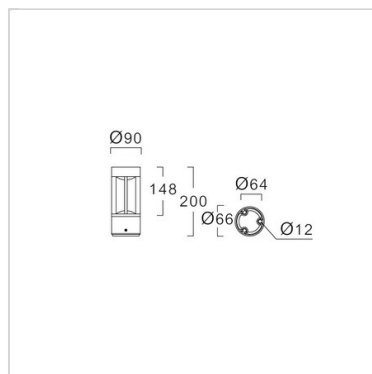
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	Dia.90x200 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	140 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
BLL111-6LED	6W



LED Bollard



TIS BLL113

Application

Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

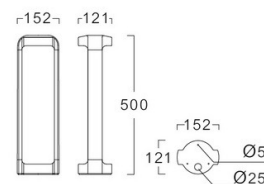
Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	BLL113-0.5M : 152x121x500 mm. BLL113-0.8M : 152x121x800 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 20W

Ordering Data

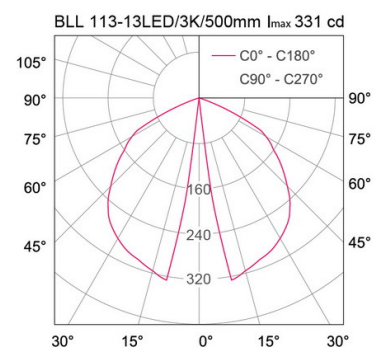
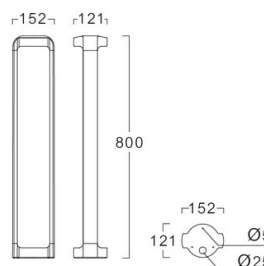
Model	Watt
BLL113-13LED-0.5M	13W
BLL113-13LED-0.8M	13W



BLL113-0.5M



BLL113-0.8M



LED Bollard



TIS BLL222

Application

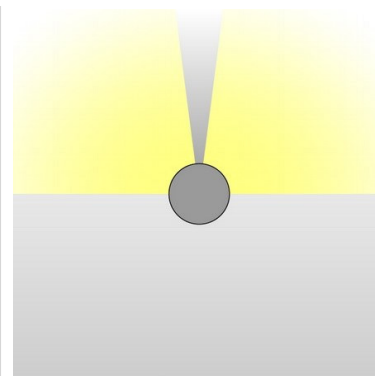
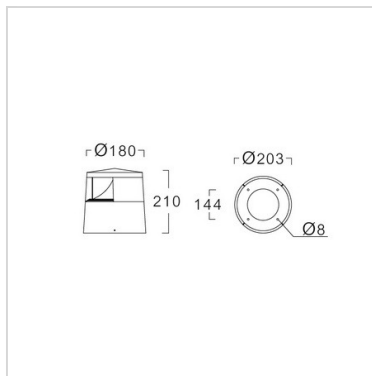
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 180x210 mm.
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	190 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL222-10LED	10W



TIS BLL224

Application

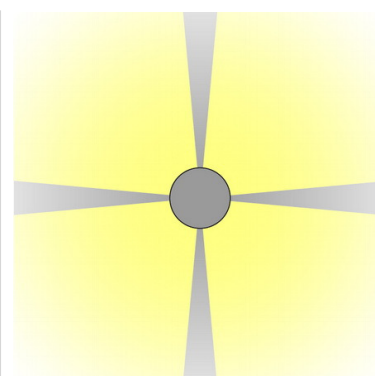
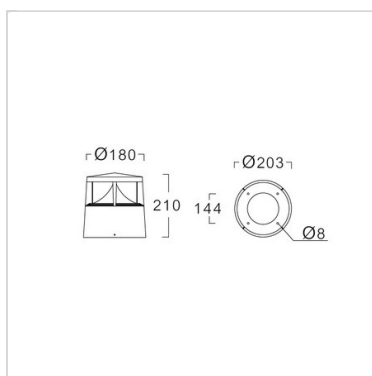
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 180x210 mm.
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	360 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL224-10LED	10W



LED Bollard



 TIS **BLL225**

Application

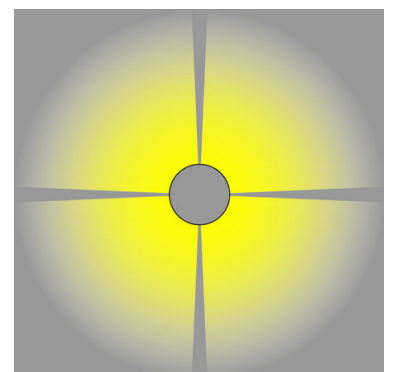
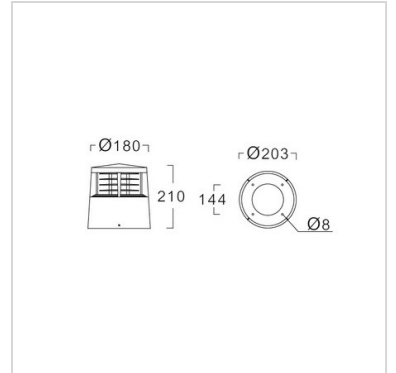
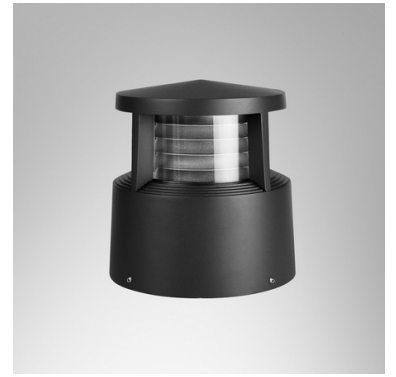
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Anodized aluminium
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia.180x210 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000/6500K
Luminaire Output	600 lm (Lamp)
Beam Angle	Symmetrical wide beam
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	25,000 hrs. (Lamp)
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL225-7LED-BULB	7W



LED Bollard



TIS BLL230

Application

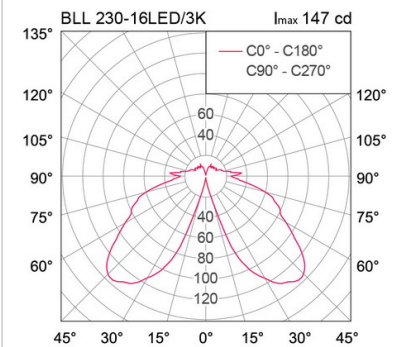
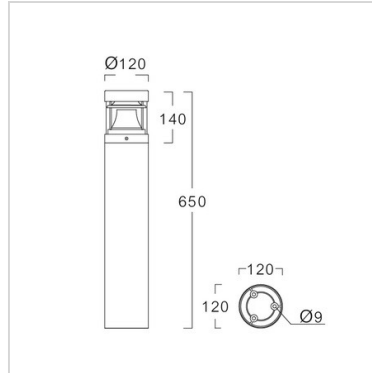
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Anodized aluminium
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 120x650 mm.
Mounting	Surface
Power	16W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	540 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

Model	Watt
BLL230-16LED	16W



TIS BLL231

Application

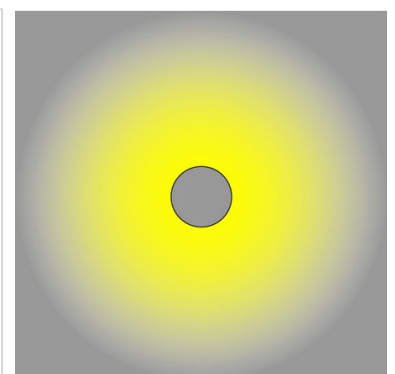
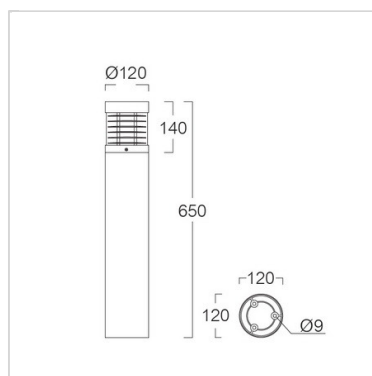
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Louver	Anodized aluminium
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 120x650 mm.
Mounting	Surface
Power	16W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	445 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

Model	Watt
BLL231-16LED	16W



LED Bollard



 TIS **BLL232**

Application

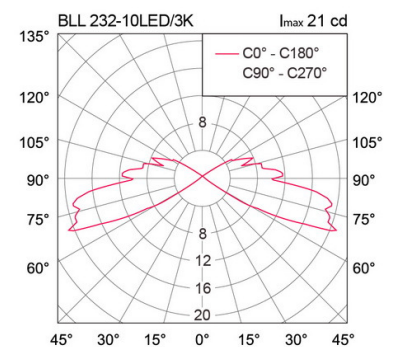
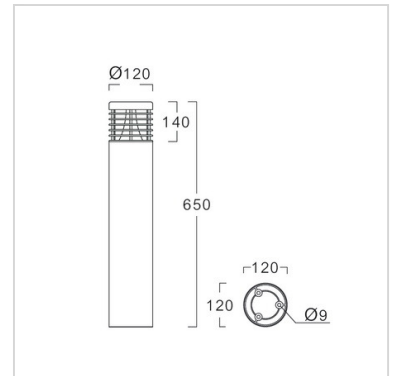
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 120x650 mm.
Mounting	Surface
Power	9/10W
Light Source	9W : LED-BULB 10W : LED Module
Colour Temperature	9W : 3000/6500K 10W : 3000K
Luminaire Output	9W : 810/850 lm (Lamp) 10W : 78 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	9W : 15,000 hrs. (Lamp) 10W : 30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL232-9LED-BULB	9W
BLL232-10LED	10W



LED Bollard



 TIS **BLL240**

Application

Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

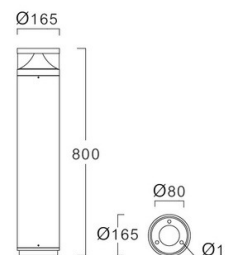
Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear acrylic
Gasket	Silicone rubber
Dimension	BLL240-0.6M : Dia.165x600 mm. BLL240-0.8M : Dia.165x800 mm.
Mounting	Surface
Power	16W
Light Source	LED Module
Colour Temperature	3000/4000K
Luminaire Output	510 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

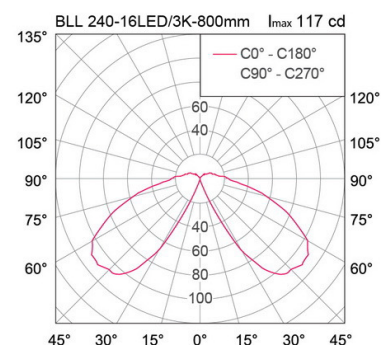
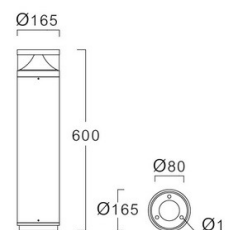
Model	Watt
BLL240-16LED-0.8M	16W



BLL240-0.8M



BLL240-0.6M



LED Bollard



TIS BLL903

Application

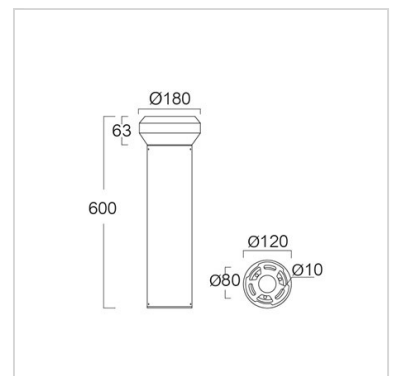
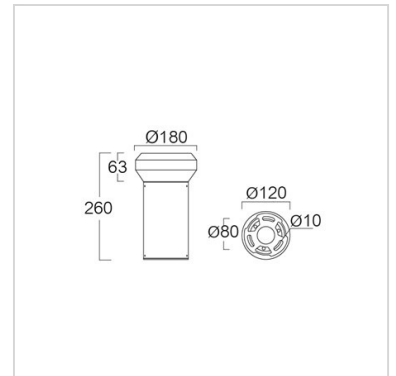
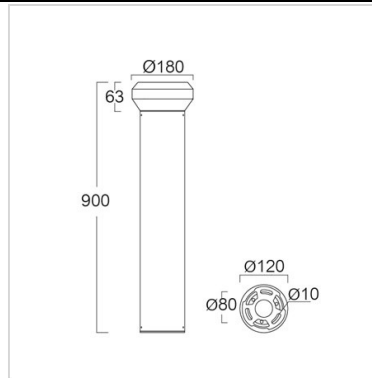
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Dia.180x260/600/900 mm.
Mounting	Surface
Power	BLL903-0.26M : 6W BLL903-0.6M : 10/15/24W BLL903-0.9M : 10/15/24W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	6W : 830 lm 10W : 1380 lm 15W : 2300 lm 24W : 3550 lm
Beam Angle	Symmetrical Asymmetrical
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	6W : CFL 1x13W 10W : CFL 1x18W 15W : CFL 2x18W 24W : MH 35W

Ordering Data

Model	Watt
BLL903-6LED-0.26M	6W
BLL903-10LED-0.6M	10W
BLL903-10LED-0.9M	10W
BLL903-15LED-0.6M	15W
BLL903-15LED-0.9M	15W
BLL903-24LED-0.6M	24W
BLL903-24LED-0.9M	24W



LED Bollard



TIS BLL401

Application

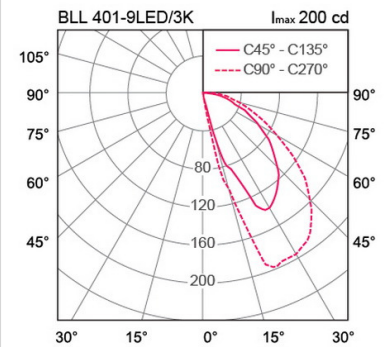
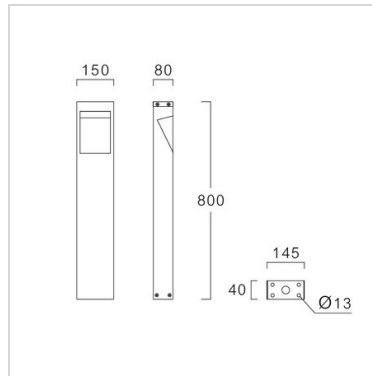
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	150x80x800 mm.
Mounting	Surface
Power	9W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	170 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL401-9LED	9W



TIS BLL402

Application

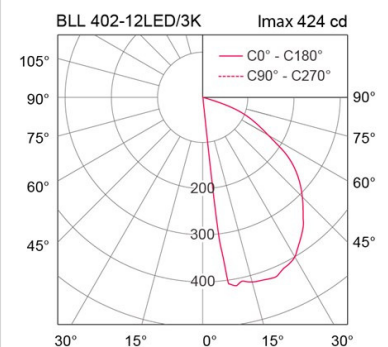
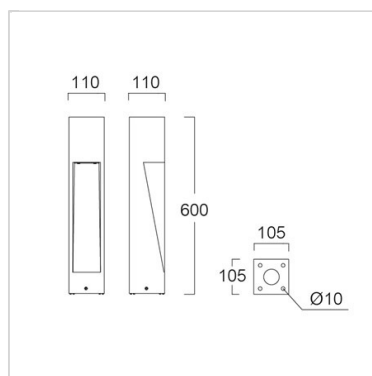
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear glass
Gasket	Silicone rubber
Dimension	110x110x600 mm.
Mounting	Surface
Power	12W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	240 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 20W

Ordering Data

Model	Watt
BLL402-12LED	12W



LED Bollard

TIS BLL208

Application

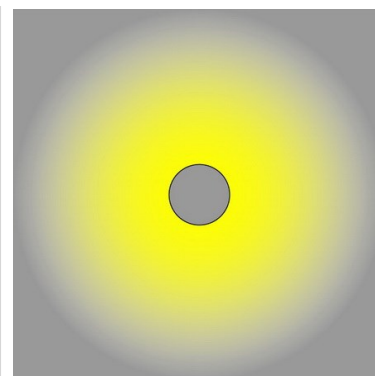
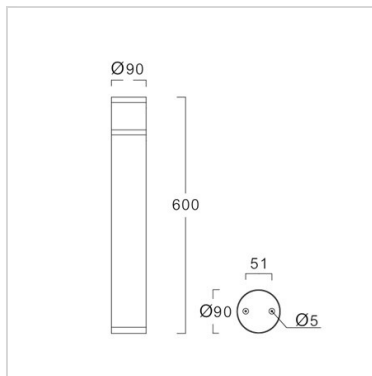
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Opalescent Acrylic
Gasket	Silicone rubber
Dimension	Dia.90x600 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000/6500K
Luminaire Output	600 lm (Lamp)
Beam Angle	Symmetrical wide beam
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	25,000 hrs. (Lamp)
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL208-7LED-BULB	7W



TIS BLL408

Application

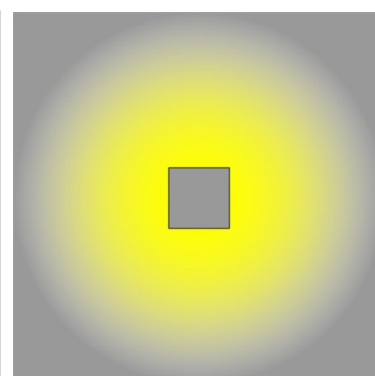
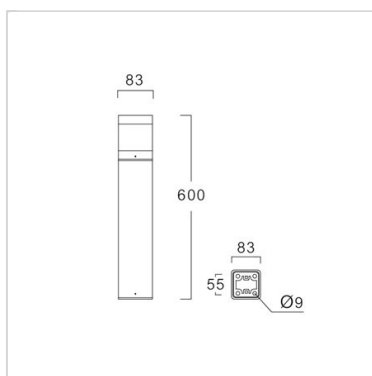
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Diffuser	Opalescent Acrylic
Gasket	Silicone rubber
Dimension	83x83x600 mm.
Mounting	Surface
Power	9W
Light Source	LED-BULB
Colour Temperature	3000/6500K
Luminaire Output	600 lm (Lamp)
Beam Angle	Symmetrical wide beam
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	25,000 hrs. (Lamp)
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL408-7LED-BULB	7W



LED Bollard



 TIS **BLL404**

Application

Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

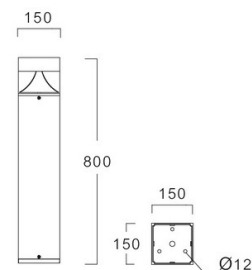
Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	White polycarbonate
Lens	Clear acrylic
Gasket	Silicone rubber
Dimension	BLL404-0.6M : 150x150x600 mm. BLL404-0.8M : 150x150x800 mm.
Mounting	Surface
Power	15W
Light Source	LED Module
Colour Temperature	3000/4000K
Luminaire Output	880 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

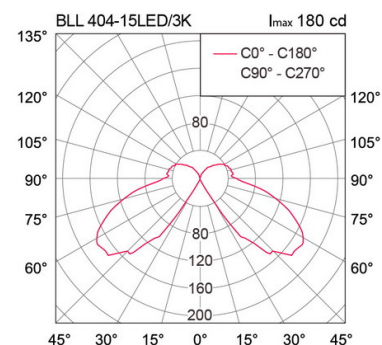
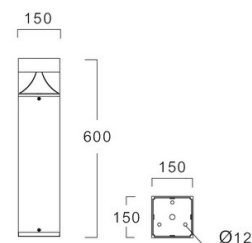
Model	Watt
BLL404-15LED-0.6M	15W
BLL404-15LED-0.8M	15W



BLL404-0.8M



BLL404-0.6M



LED Bollard



TIS **BLL201**

Application

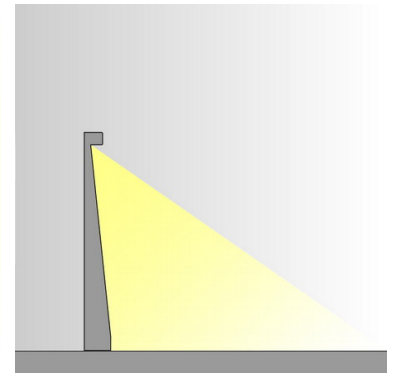
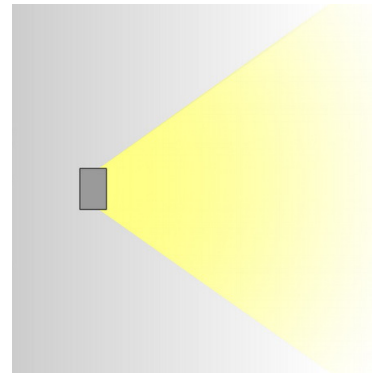
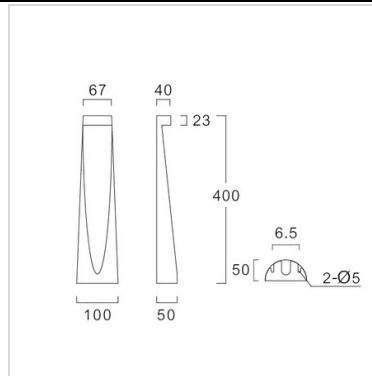
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear polycarbonate
Dimension	50x100x400 mm.
Mounting	Surface
Power	7W
Light Source	LED-COB
Colour Temperature	3000K
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 1x13W

Ordering Data

Model	Watt
BLL201-7LED	7W



TIS **BLL202**

Application

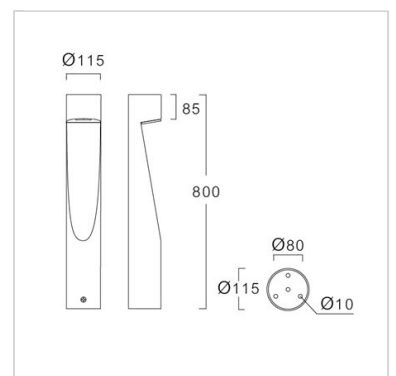
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Dimension	Dia.115x800 mm.
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000K
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL202-10LED	10W



LED Bollard



TIS BLL414

Application

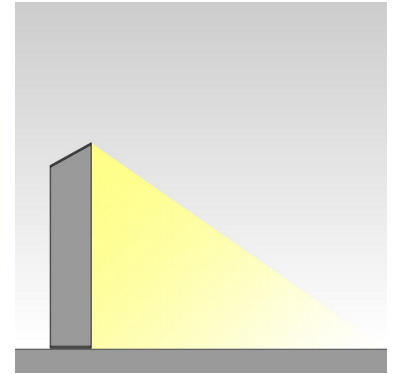
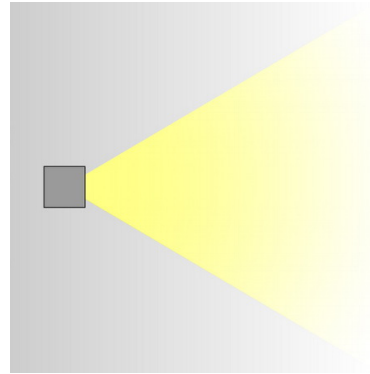
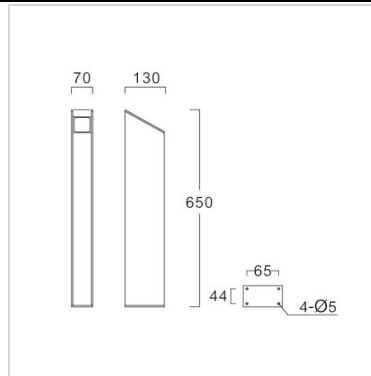
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in graphite
Lens	Opalescent polycarbonate
Dimension	70x130x650 mm.
Mounting	Surface
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	175 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
BLL414-5LED	5W



TIS BLL416

Application

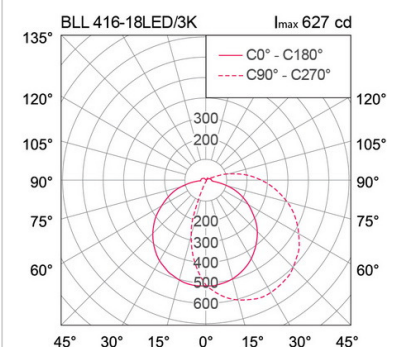
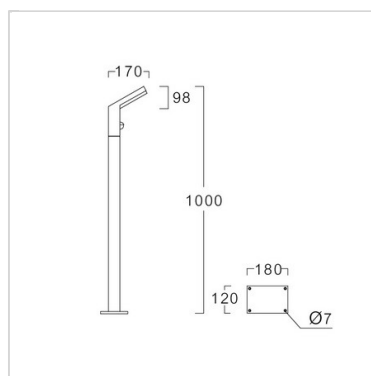
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Sensor	Movement detector (optional)
Dimension	140x170x1000 mm.
Mounting	Surface
Power	18W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	1815 lm
Beam Angle	Asymmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

Model	Watt
BLL416-18LED	18W



LED Bollard

 **BLL400**

Application

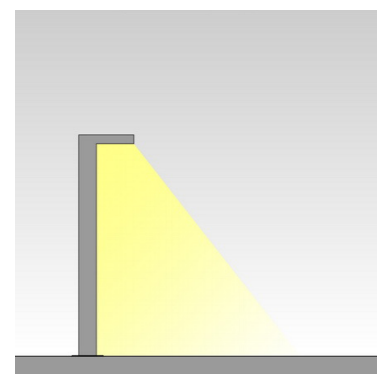
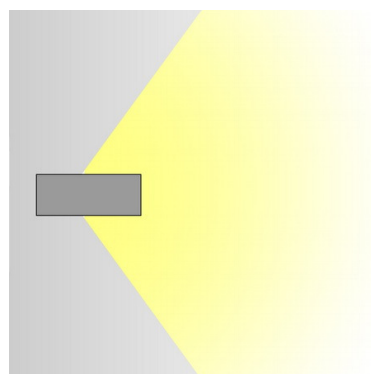
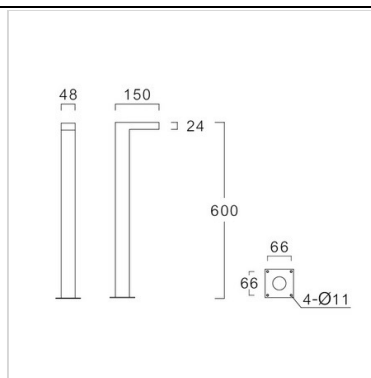
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent acrylic
Dimension	48x150x600 mm.
Mounting	Surface
Power	6W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	330 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
BLL400-6LED	6W



 **BLL209**

Application

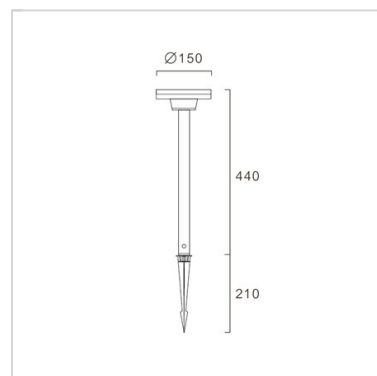
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	Dia. 150x660 mm.
Mounting	Ground spike
Power	8W
Light Source	LED Module
Colour Temperature	3000K
Control Gear	Remote switching power supply
Power Supply	24VDC
Insulation Class	III
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	CFL 1x13W

Ordering Data

Model	Watt
BLL209-8LED	8W



LED Bollard



TIS BLL103

Application

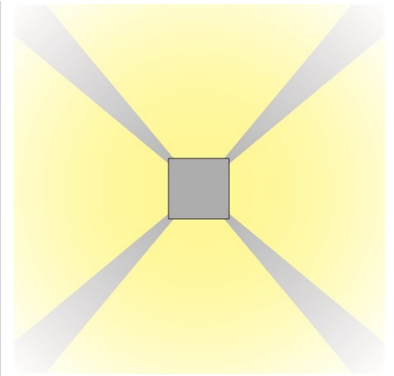
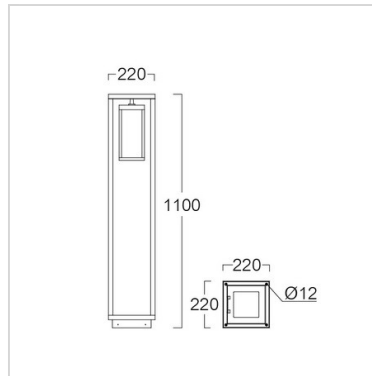
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	220x220x1100 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
BLL103/BK-10LED/3K	10W



TIS BLL105

Application

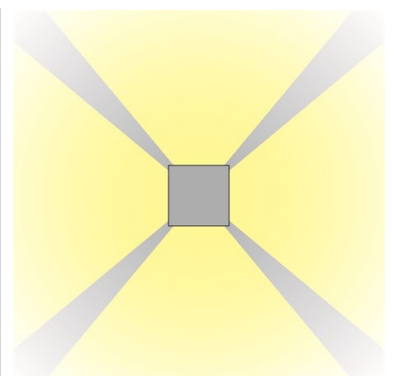
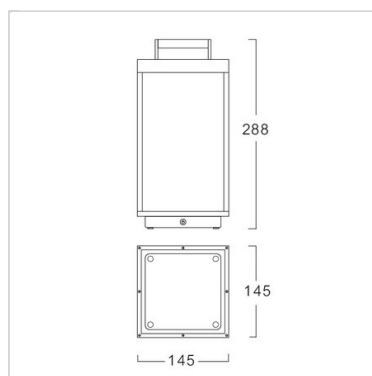
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Powered by battery back-up only).
Finishing	Powder coated in black
Charger	USB port
Battery	Lithium ion, 11.1V 2200mAh
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	145x145x288 mm.
Mounting	Surface
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x11W

Ordering Data

Model	Watt
BLL105-5LED	5W



LED Bollard



 TIS **BLL801**

Application

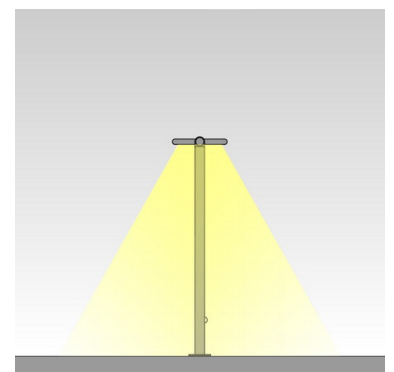
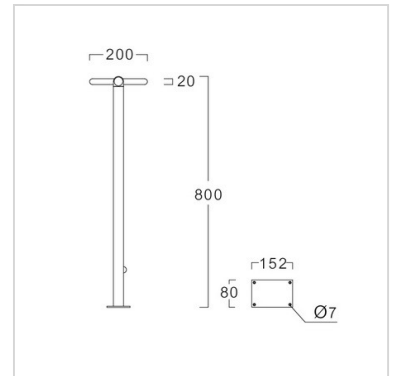
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Powered by battery back-up only). 10 hrs. back-up time maximum 15% light output after sunset 100% light output when movement detected 15% light output when no movement detected.
Finishing	Powder coated in black
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	Poly-crystalline silicon
Battery	Lithium ion, 3.7V 2200mAh
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Sensor	Movement detector
Dimension	152x200x800 mm.
Adjustment	Vertical adjustable
Mounting	Surface
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x9W

Ordering Data

Model	Watt
BLL801-3LED	3W



LED Bollard



 TIS **BLL802**

Application

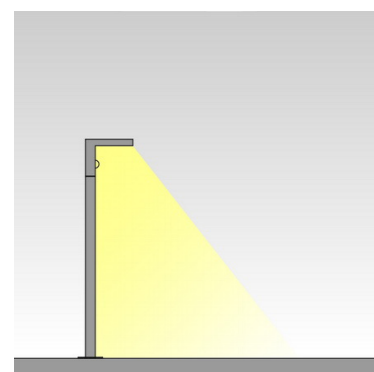
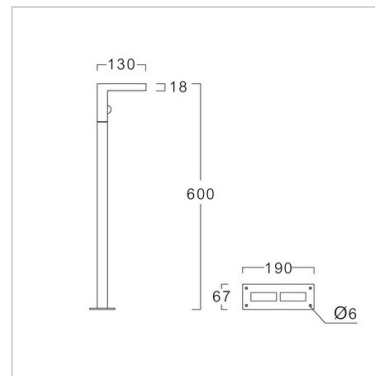
Bollard luminaire is designed to illuminate walkways, steps, low planted areas, pedestrian areas, etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Powered by battery back-up only). 10 hrs. back-up time maximum 15% light output after sunset 100% light output when movement detected 15% light output when no movement
Finishing	Powder coated in black
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	Poly-crystalline silicon
Battery	Lithium ion, 3.7V 2200mAh
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Sensor	Movement detector
Dimension	150x130x600 mm.
Mounting	Surface
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x9W

Ordering Data

Model	Watt
BLL802-3LED	3W



LED Wall Mount (Outdoor)



STLL101

Application

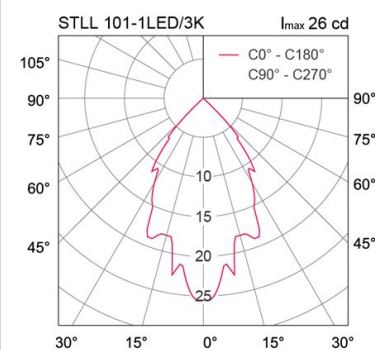
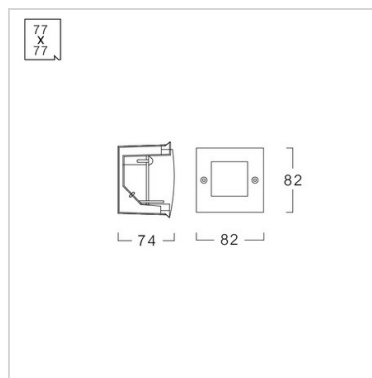
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Lens	Prismatic polycarbonate
Gasket	Silicone rubber
Dimension	82x82x74 mm.
Cut Out	77x77x80 mm.
Mounting	Recessed in block out made of polypropylene
Power	1W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	75/85 lm
Beam Angle	Symmetrical wide beam
Control Gear	Remote 220/12V transformer
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 10W

Ordering Data

Model	Watt
STLL101-1LED	1W



STLL406

Application

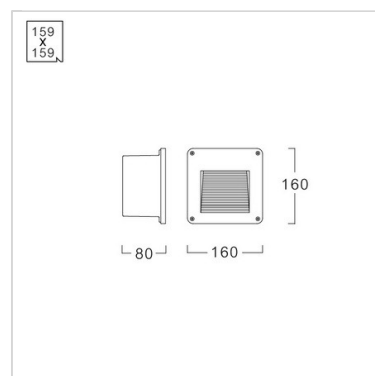
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	160x160x80 mm.
Cut Out	159x159x95 mm.
Mounting	Recessed in block out made of polypropylene
Power	6W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	90/110 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

Model	Watt
STLL406-6LED	6W



LED Wall Mount (Outdoor)



STLL402

Application

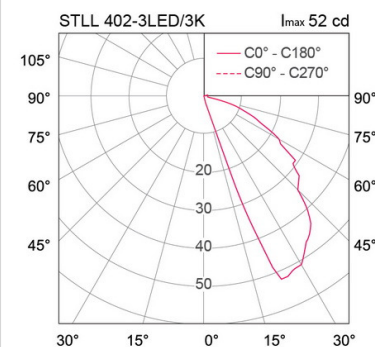
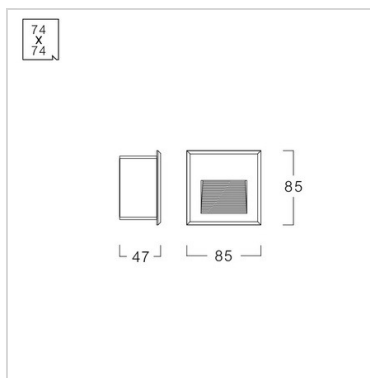
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	85x85x47 mm.
Cut Out	74x74x65 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	40 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
-STLL402-3LED	3W



STLL405

Application

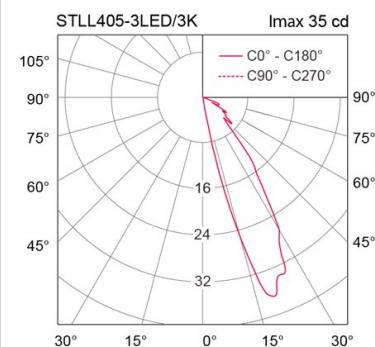
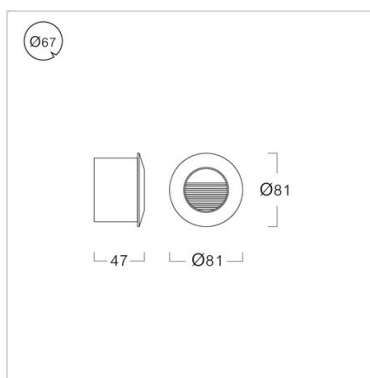
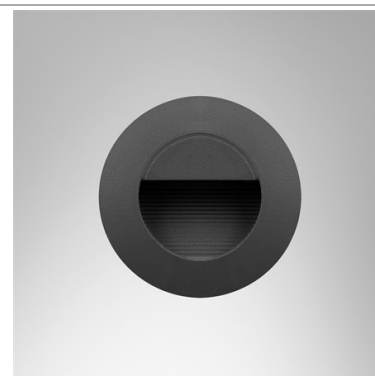
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	81x81x47 mm.
Cut Out	Dia. 67x65 mm.
Mounting	Recessed in block out made of polypropylene
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	30 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	JC 20W

Ordering Data

Model	Watt
STLL405-3LED	3W



LED Wall Mount (Outdoor)



WLL150

Application

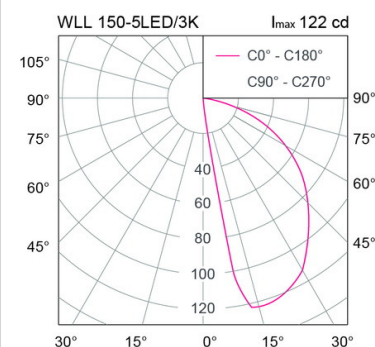
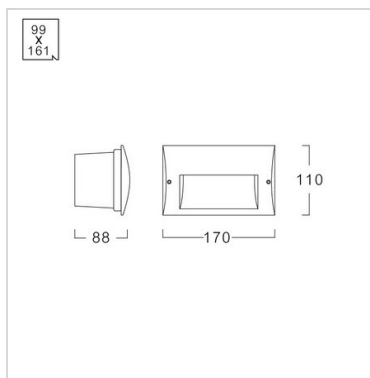
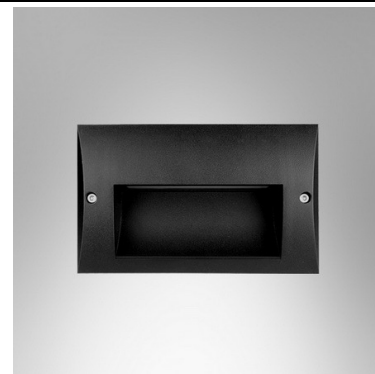
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	110x170x88 mm.
Cut Out	99x161x105 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	125 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x11W

Ordering Data

Model	Watt
WLL150-5LED	5W



WLL151

Application

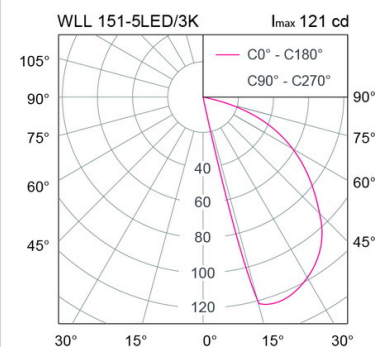
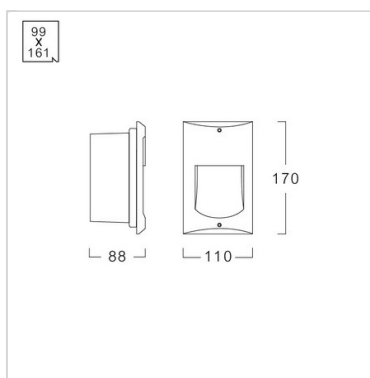
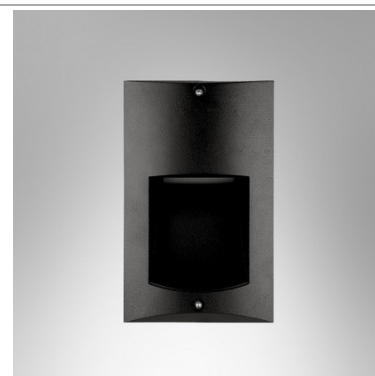
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	170x110x88 mm.
Cut Out	161x99x105 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	115 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x11W

Ordering Data

Model	Watt
WLL151-5LED	5W



LED Wall Mount (Outdoor)



WLL153

Application

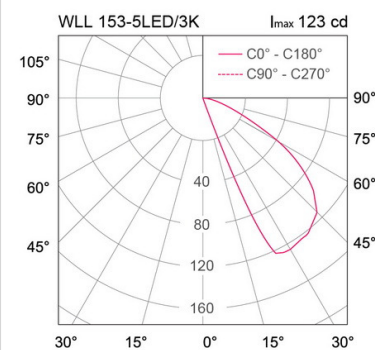
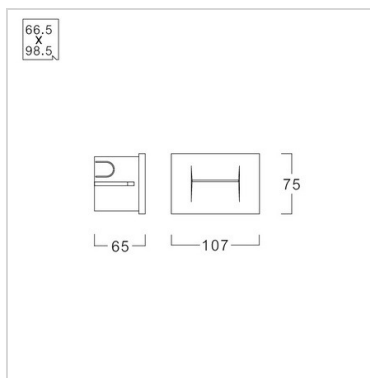
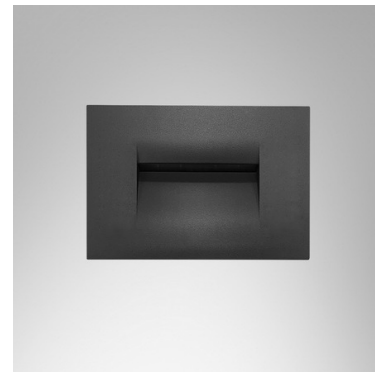
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	75x107x65 mm.
Cut Out	66.5x98.5x70 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	105 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x11W

Ordering Data

Model	Watt
WLL153-5LED	5W



WLL152

Application

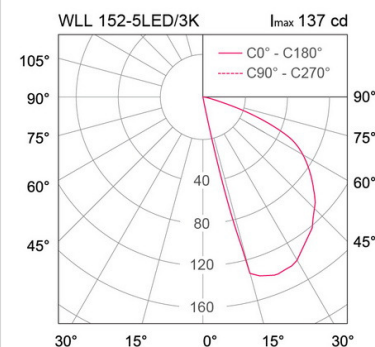
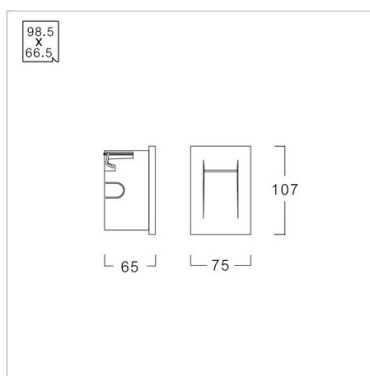
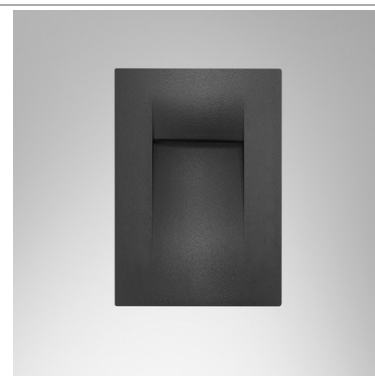
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	107x75x65 mm.
Cut Out	98.5x66.5x70 mm.
Mounting	Recessed in block out made of polypropylene
Power	5W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	125 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x11W

Ordering Data

Model	Watt
WLL152-5LED	5W



LED Wall Mount (Outdoor)



WLL154

Application

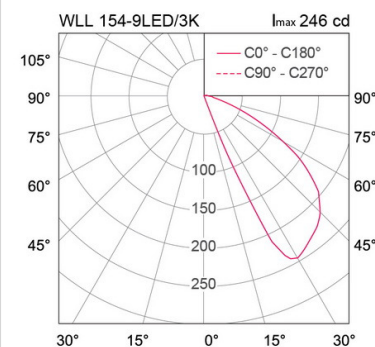
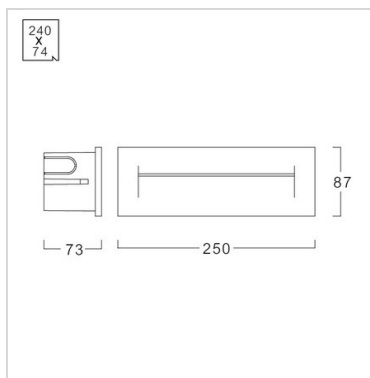
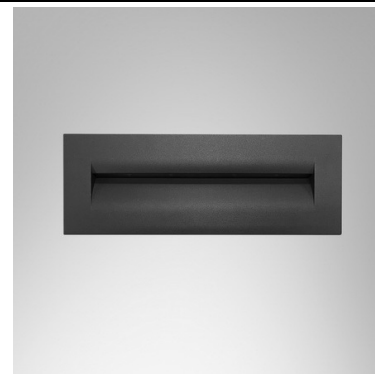
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	87x250x73 mm.
Cut Out	74x240x80 mm.
Mounting	Recessed in block out made of polypropylene
Power	9W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	220 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL154-9LED	9W



WLL155

Application

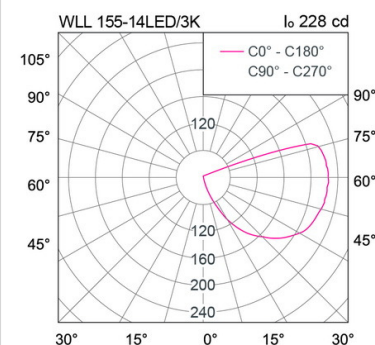
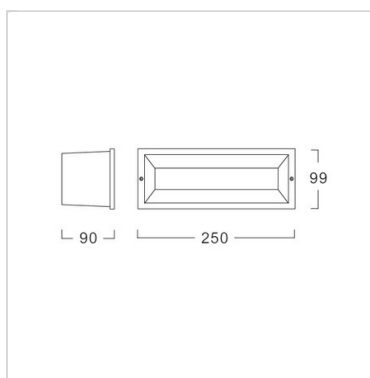
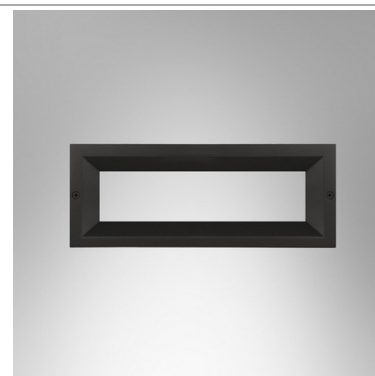
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted polycarbonate
Gasket	Silicone rubber
Dimension	99x250x90 mm.
Cut Out	96x247x95 mm.
Mounting	Recessed in block out made of polypropylene
Power	14W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	505 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 2x26W

Ordering Data

Model	Watt
WLL155-14LED	14W



LED Wall Mount (Outdoor)



 TIS WLL159

Application

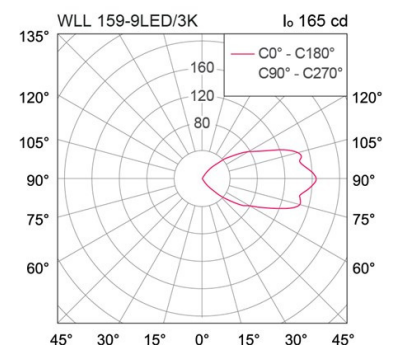
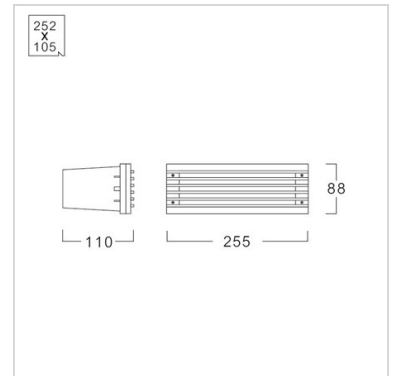
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	88x255x110 mm.
Cut Out	88x252x105 mm.
Mounting	Recessed in block out made of polypropylene
Power	9W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	230 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL159-9LED	9W



LED Wall Mount (Outdoor)



TIS WLL331

Application

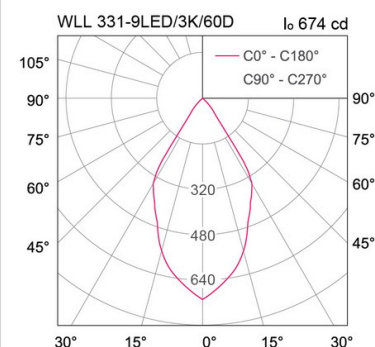
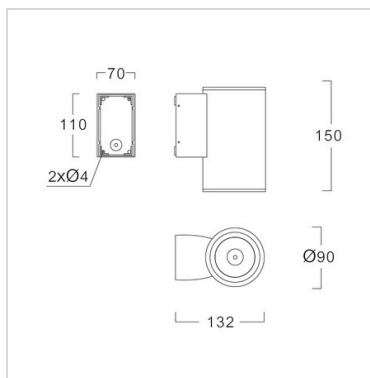
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	90x132x150 mm.
Mounting	Surface
Power	9W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	540 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR20 1x50W

Ordering Data

Model	Watt
WLL331-9LED	9W



TIS WLL332

Application

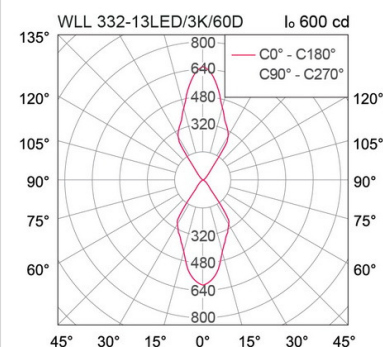
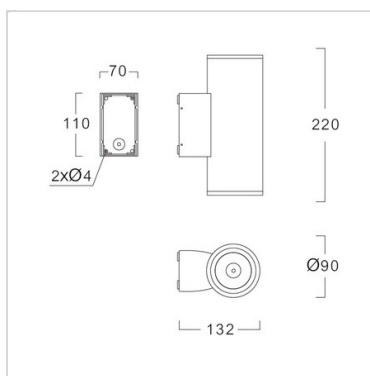
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	90x132x220 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	930 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR20 2x50W

Ordering Data

Model	Watt
WLL332-13LED	13W



LED Wall Mount (Outdoor)



WLL341

Application

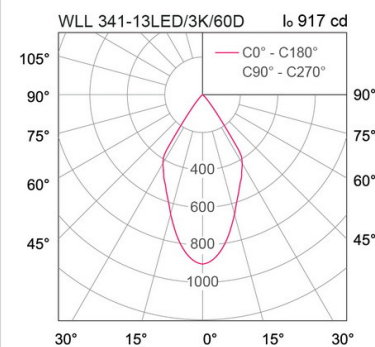
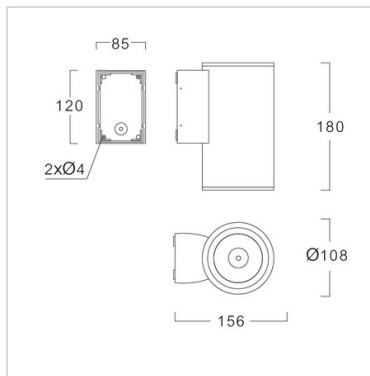
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x156x180 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	670 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR30 1x75W

Ordering Data

Model	Watt
WLL341-13LED	13W



WLL342

Application

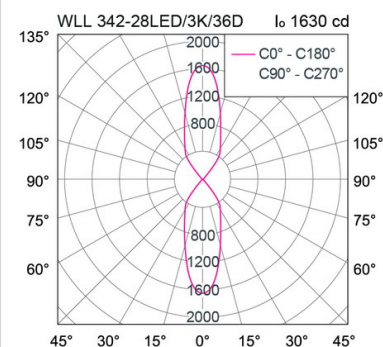
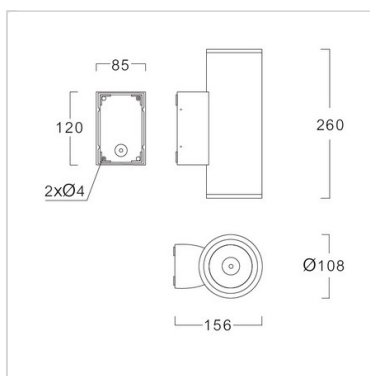
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	108x156x260 mm.
Mounting	Surface
Power	28W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	1680 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR30 2x75W

Ordering Data

Model	Watt
WLL342-28LED	28W



LED Wall Mount (Outdoor)



WLL351

Application

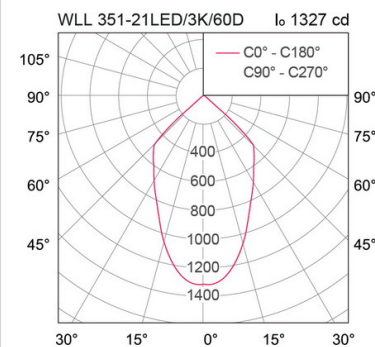
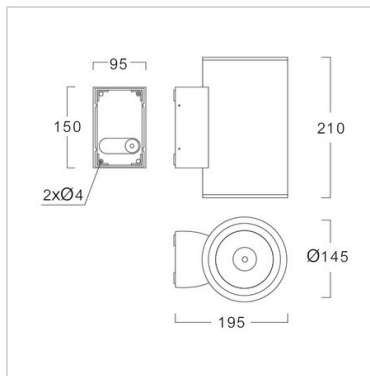
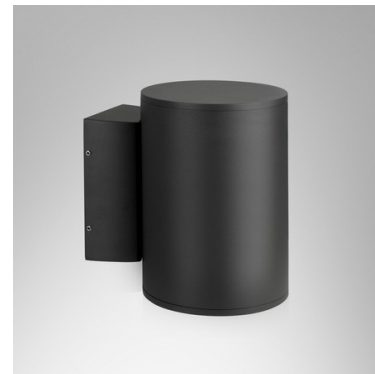
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	145x195x210 mm.
Mounting	Surface
Power	21W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	1480 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 1x35W

Ordering Data

Model	Watt
WLL351-21LED	21W



WLL352

Application

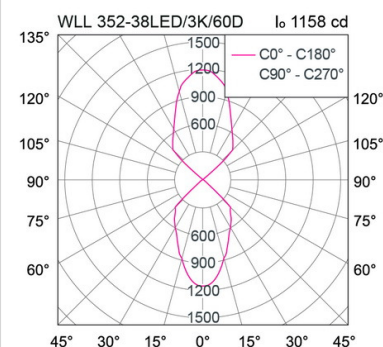
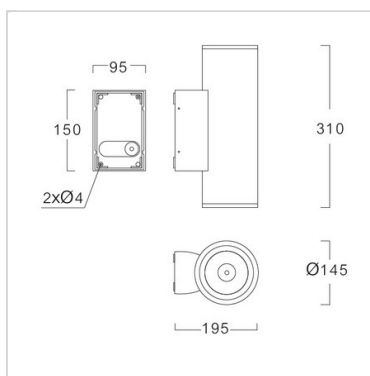
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	145x195x310 mm.
Mounting	Surface
Power	38W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	2670 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 2x35W

Ordering Data

Model	Watt
WLL352-38LED	38W



LED Wall Mount (Outdoor)



WLL431

Application

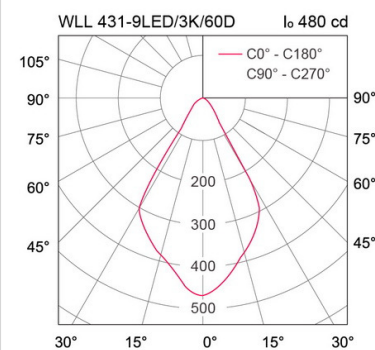
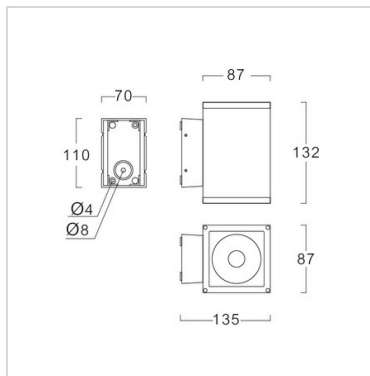
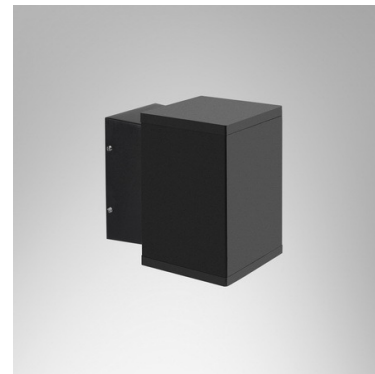
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	87x135x132 mm.
Mounting	Surface
Power	9W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	430 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR20 1x50W

Ordering Data

Model	Watt
WLL431-9LED	9W



WLL432

Application

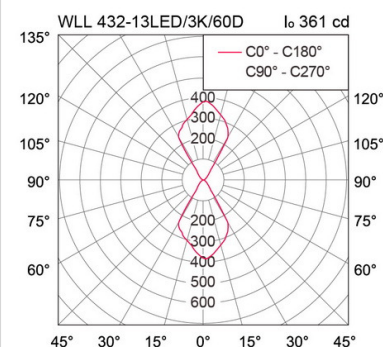
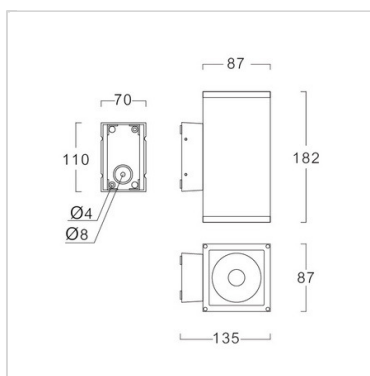
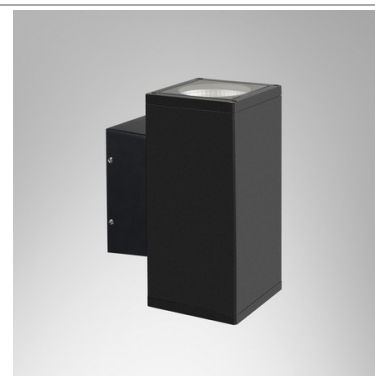
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	87x135x182 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	680 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR20 2x50W

Ordering Data

Model	Watt
WLL432-13LED	13W



LED Wall Mount (Outdoor)



WLL441

Application

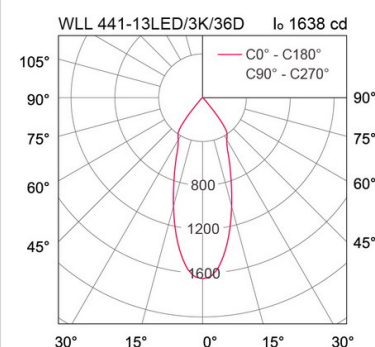
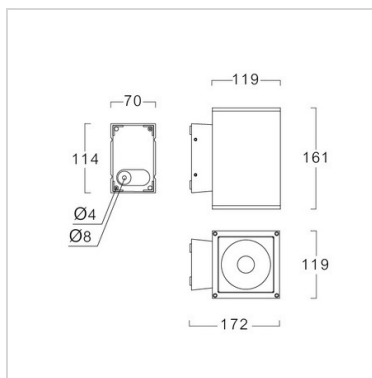
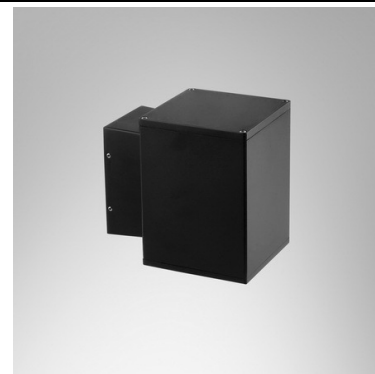
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	119x172x161 mm.
Mounting	Surface
Power	13W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	890 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR30 1x75W

Ordering Data

Model	Watt
WLL441-13LED	13W



WLL442

Application

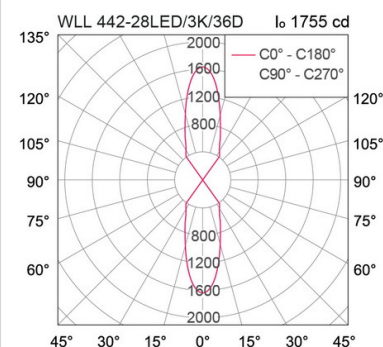
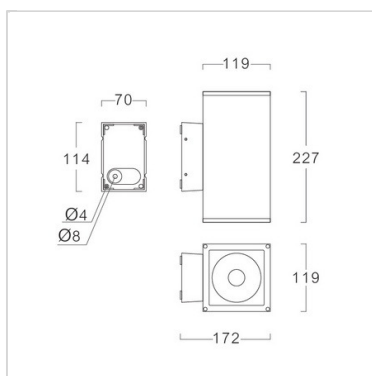
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	119x172x227 mm.
Mounting	Surface
Power	28W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	1990 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	PAR30 2x75W

Ordering Data

Model	Watt
WLL442-28LED	28W



LED Wall Mount (Outdoor)



TIS WLL461

Application

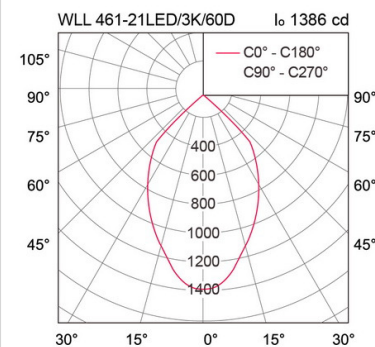
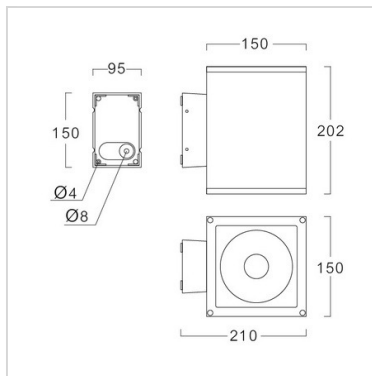
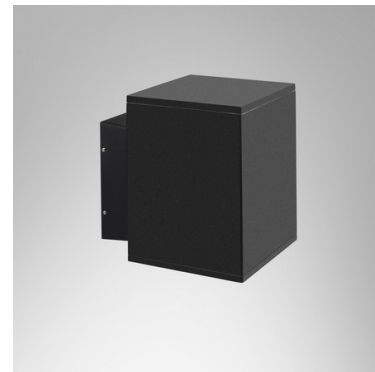
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	150x210x202 mm.
Mounting	Surface
Power	21W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	1640 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 1x35W

Ordering Data

Model	Watt
WLL461-21LED	21W



TIS WLL462

Application

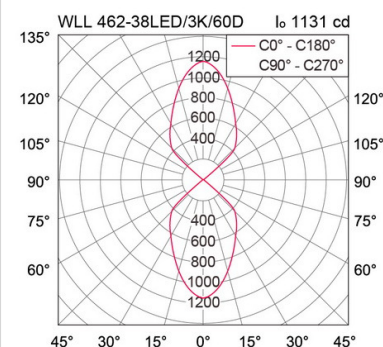
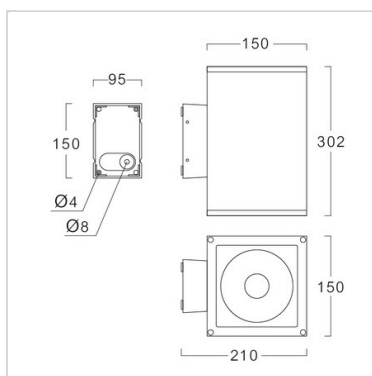
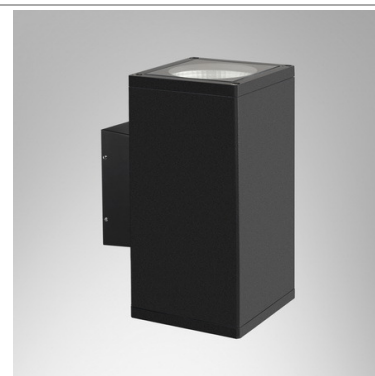
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Reflector	Anodized aluminium
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	150x210x302 mm.
Mounting	Surface
Power	38W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	2660 lm
Beam Angle	12/24/36/60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	MH 2x35W

Ordering Data

Model	Watt
WLL462-38LED	38W



LED Wall Mount (Outdoor)



WLL463

Application

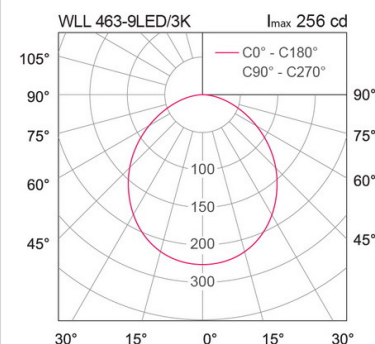
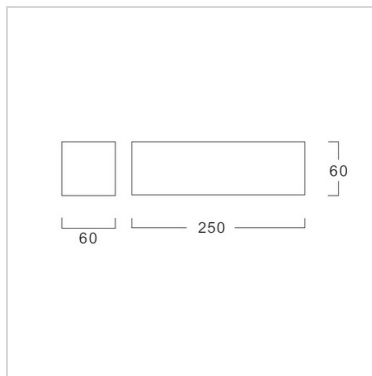
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted toughened glass
Gasket	Silicone rubber
Dimension	250x60x60 mm.
Mounting	Surface
Power	9W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	620 lm
Beam Angle	Down light, wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL463-9LED	9W



WLL464

Application

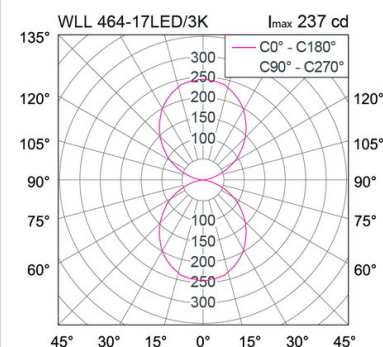
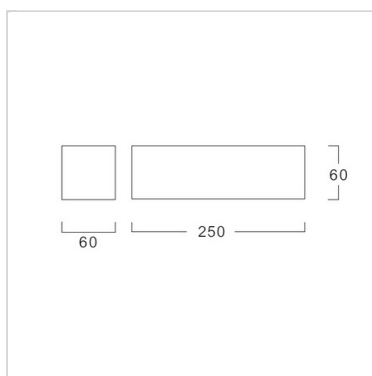
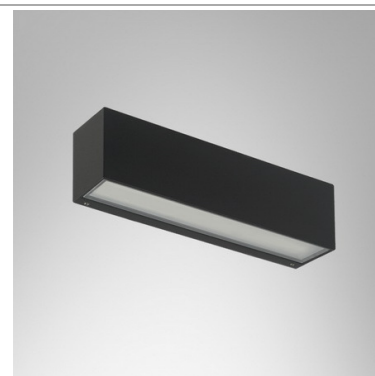
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted toughened glass
Gasket	Silicone rubber
Dimension	250x60x60 mm.
Mounting	Surface
Power	17W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	1180 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

Model	Watt
WLL464-17LED	17W



LED Wall Mount (Outdoor)



TIS WLL465

Application

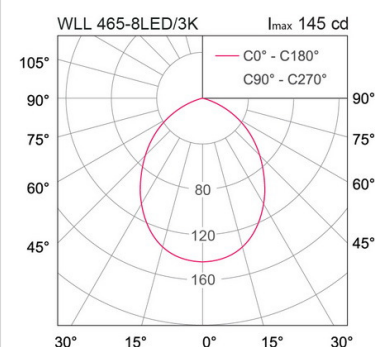
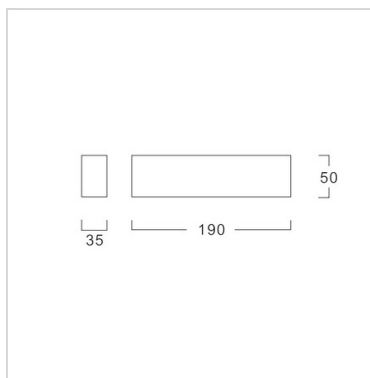
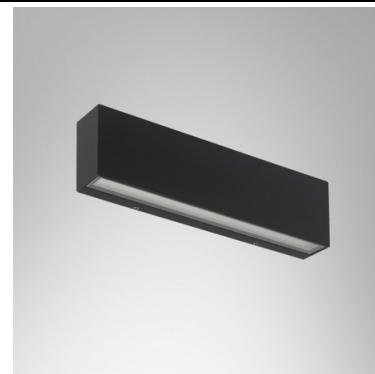
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted glass
Gasket	Silicone rubber
Dimension	190x35x50 mm.
Mounting	Surface
Power	8W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	225 lm
Beam Angle	Down light , wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL465-8LED	8W



TIS WLL467

Application

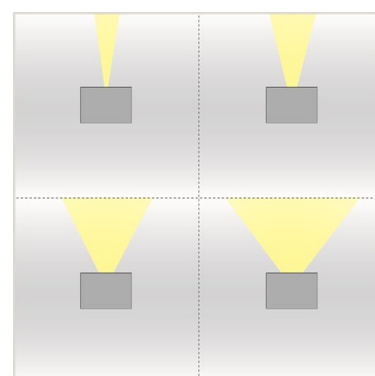
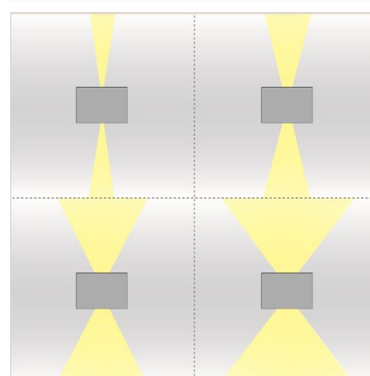
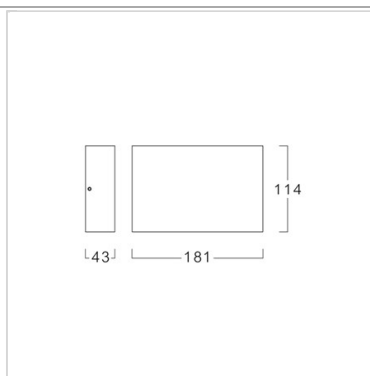
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	181x43x114 mm.
Mounting	Surface
Power	5/12W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	440 lm
Beam Angle	Adjustable by sliding front cover
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	/S : CFL 1x11W /D : CFL 2x11W
Remarks	/S : Single side /D : Double side

Ordering Data

Model	Watt
WLL467/S-5LED	5W
WLL467/D-12LED	12W



LED Wall Mount (Outdoor)



TIS WLL121

Application

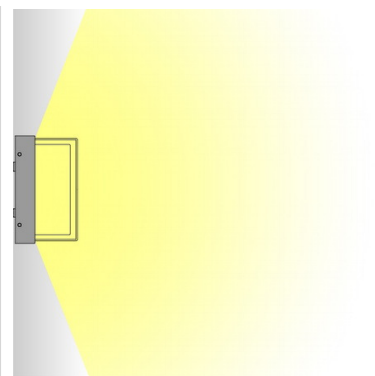
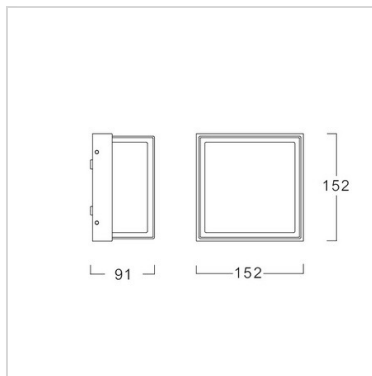
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	152x152x91 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	620 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL121-10LED	10W



TIS WLL122

Application

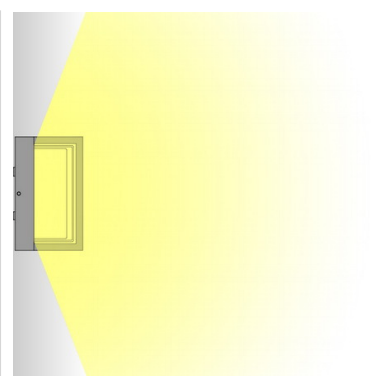
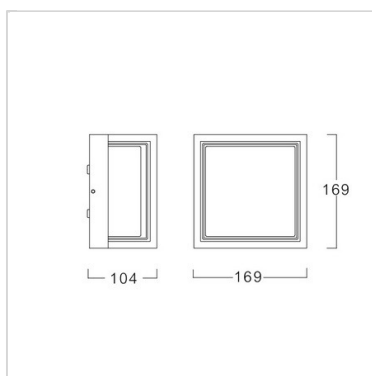
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	169x169x104 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	550 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL122-10LED	10W



LED Wall Mount (Outdoor)



TIS WLL123

Application

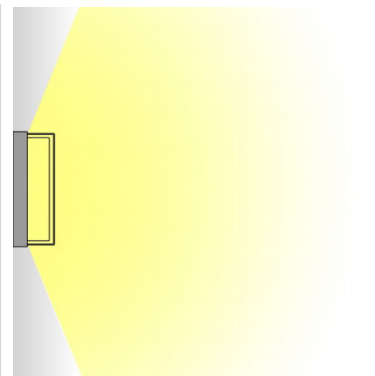
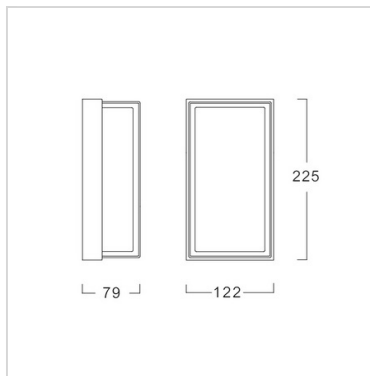
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	122x225x79 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	570 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL123-10LED	10W



TIS WLL124

Application

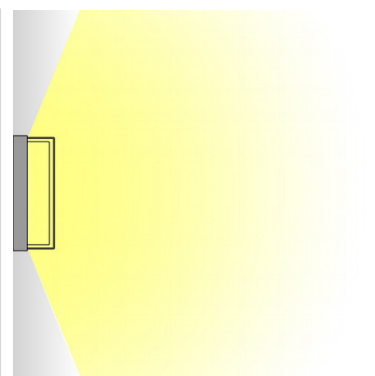
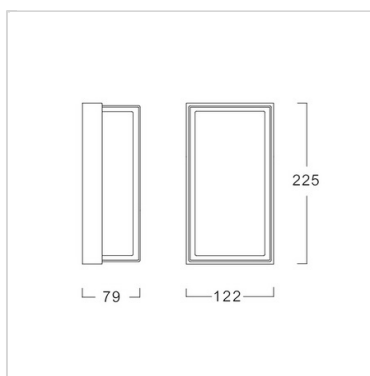
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	122x225x79 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	500 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL124-10LED	10W



LED Wall Mount (Outdoor)



TIS WLL125

Application

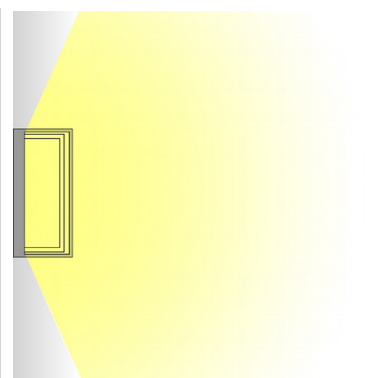
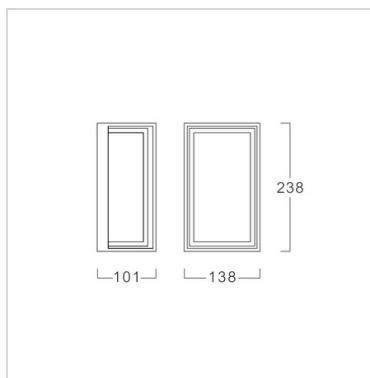
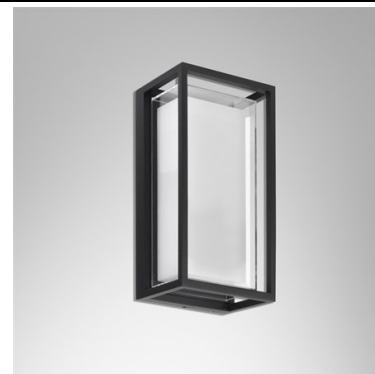
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Double layer polycarbonate (opalescent + clear)
Gasket	Silicone rubber
Dimension	138x238x101 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	590 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL125-10LED	10W



TIS WLL127

Application

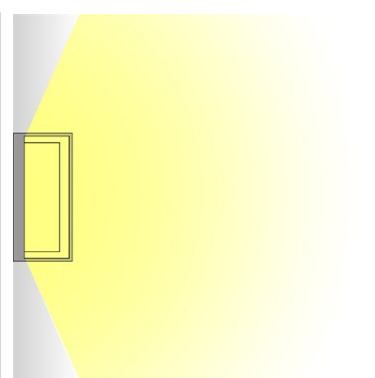
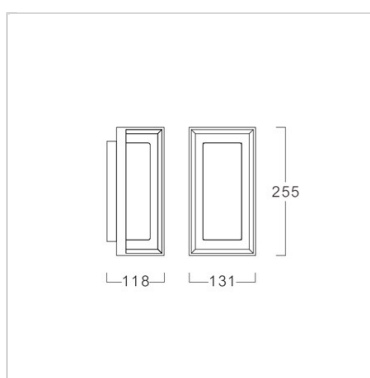
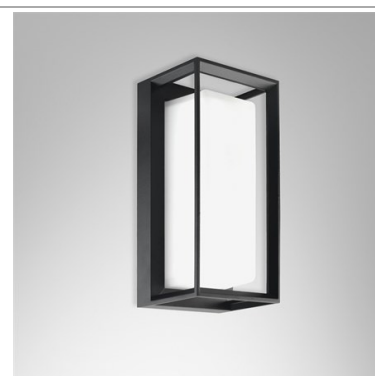
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted hard glass
Gasket	Silicone rubber
Dimension	131x255x118 mm.
Mounting	Surface
Power	7W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	360 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL127-7LED	7W



LED Wall Mount (Outdoor)

TIS WLL126

Application

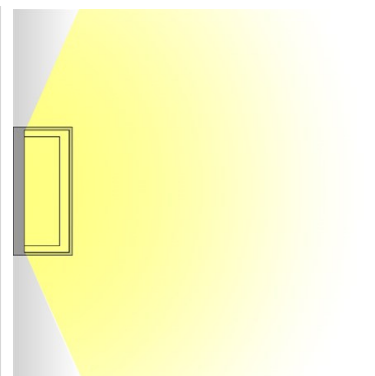
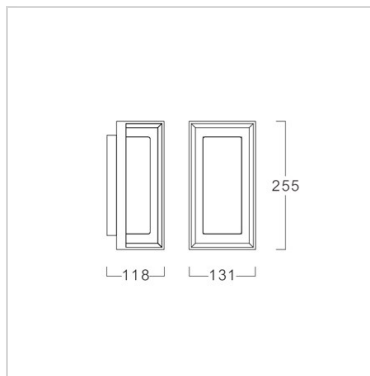
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Clear hard glass
Gasket	Silicone rubber
Dimension	131x255x118 mm.
Mounting	Surface
Power	7W
Light Source	LED-BULB
Colour Temperature	3000K/6500K
Luminaire Output	600 lm (Lamp)
Beam Angle	Symmetrical wide beam
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	25,000 hrs. (Lamp)
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL126-E27	7W



TIS WLL103

Application

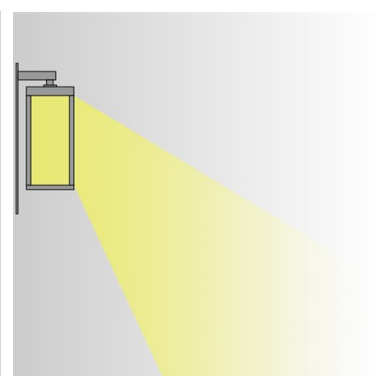
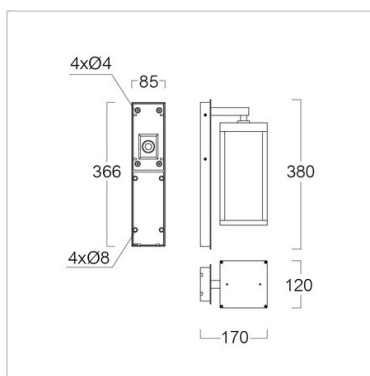
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted hard glass
Gasket	Silicone rubber
Dimension	131x255x118 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL103-10LED	10W



LED Wall Mount (Outdoor)



TIS WLL160

Application

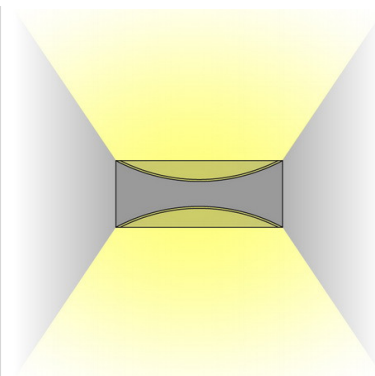
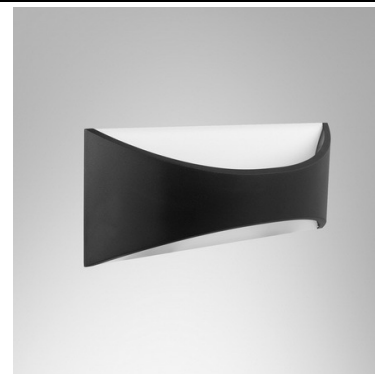
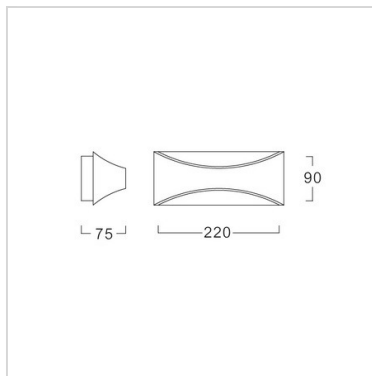
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	90x220x75 mm.
Mounting	Surface
Power	6W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	245 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x13W

Ordering Data

Model	Watt
WLL160-6LED	6W



TIS WLL161

Application

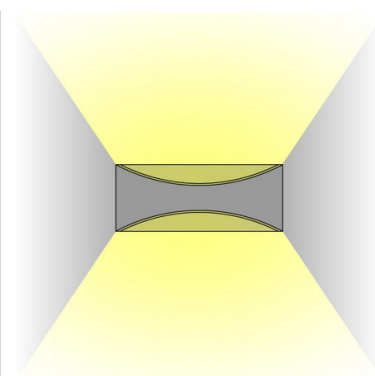
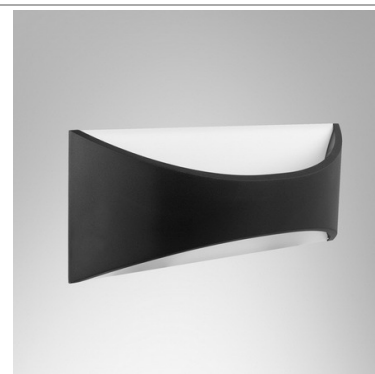
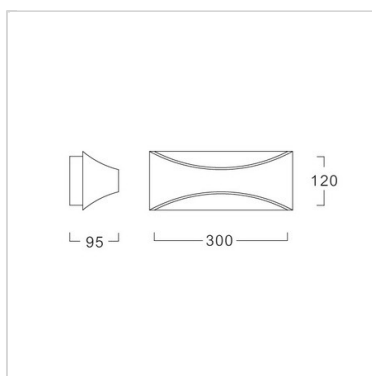
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	120x300x95 mm.
Mounting	Surface
Power	9W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	335 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL161-9LED	9W



LED Wall Mount (Outdoor)



WLL320

Application

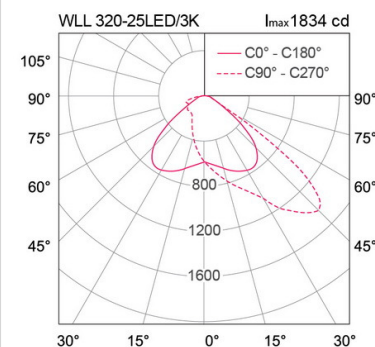
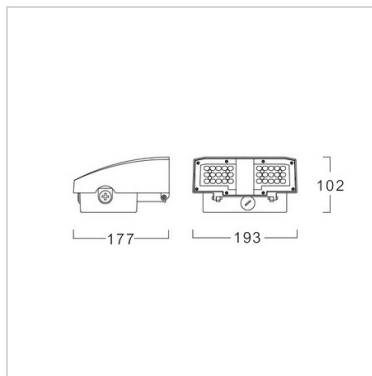
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	177x193x102 mm.
Mounting	Surface
Power	25W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	2375 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
WLL320-25LED	25W



WLL321

Application

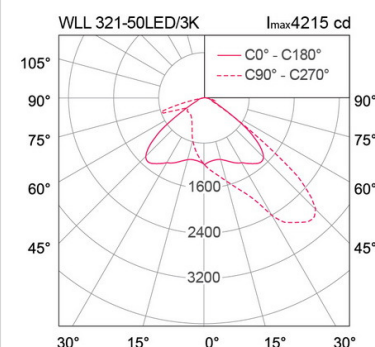
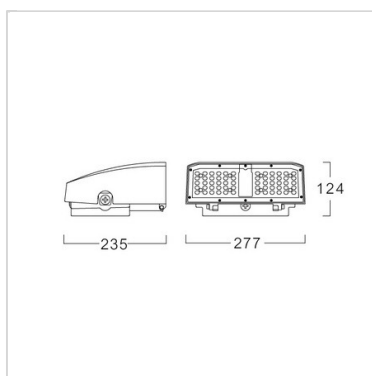
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	235x277x124 mm.
Mounting	Surface
Power	50W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	5000 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
WLL321-50LED	50W



LED Wall Mount (Outdoor)



TIS WLL330

Application

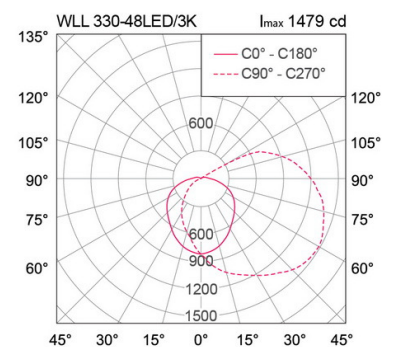
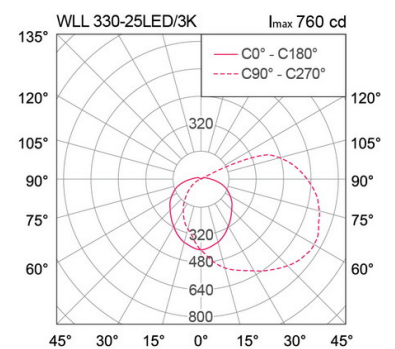
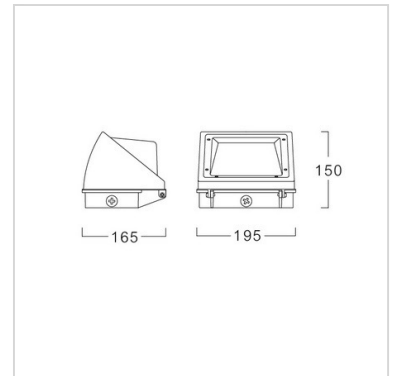
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black
Lens	Frosted polycarbonate
Gasket	Silicone rubber
Dimension	165x195x150 mm.
Mounting	Surface
Power	25/48W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	25W : 2250 lm 48W : 4560 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	25W : MH 70W 48W : MH 150W

Ordering Data

Model	Watt
WLL330-25LED	25W
WLL330-48LED	48W



LED Wall Mount (Outdoor)



TIS WLL435

Application

Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x509x130 mm.
Mounting	Surface
Power	55/70/105W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	55W : 6875 lm 70W : 8750 lm 105W : 13125 lm

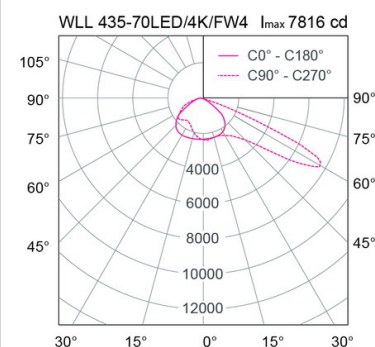
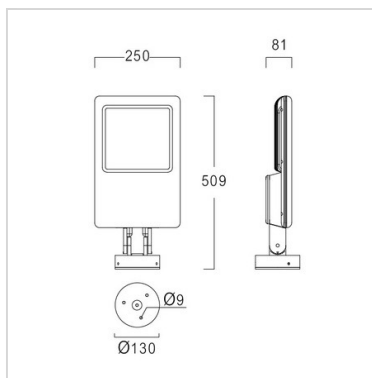
Beam Angle

Street lighting distribution : SL8
Forward throw distribution : FW4

Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MH 100W 70W : MH 150W 105W : MH 250W

Ordering Data

Model	Watt
WLL435-55LED	55W
WLL435-70LED	70W
WLL435-105LED	105W



TIS WLL436

Application

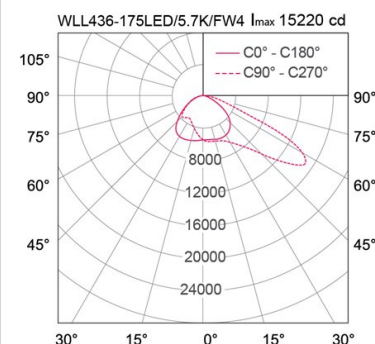
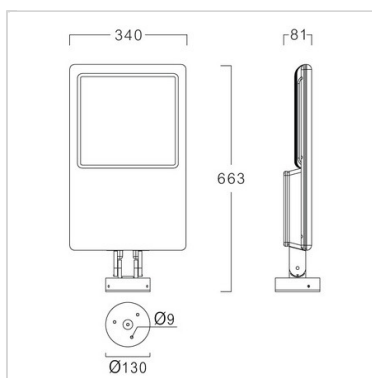
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	340x663x81 mm.
Mounting	Surface
Power	175W
Light Source	LED Module
Colour Temperature	3000/4000/5700K
Luminaire Output	20825 lm
Beam Angle	Forward throw distribution : FW4
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	66
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 400W

Ordering Data

Model	Watt
WLL436-175LED	175W



LED Wall Mount (Outdoor)



TIS WLL710

Application

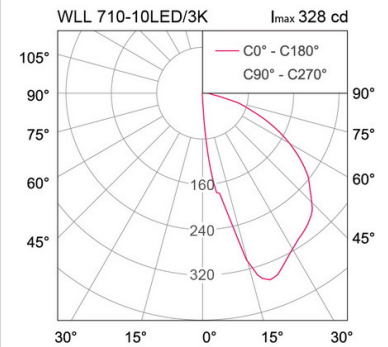
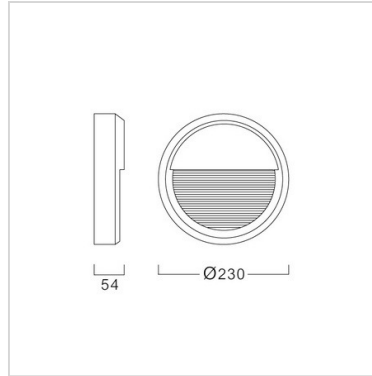
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black or graphite
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	Dia.230x54 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000/4000K
Luminaire Output	370 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL710-10LED	10W



TIS WLL711

Application

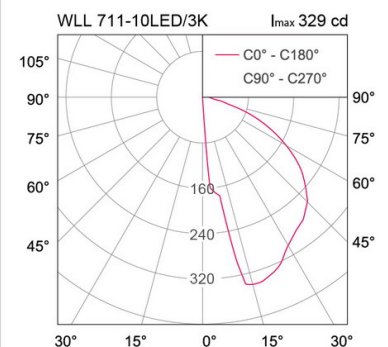
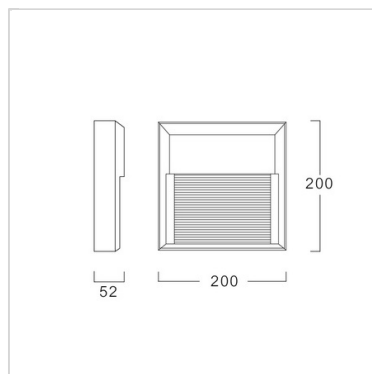
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in black or graphite
Lens	Clear polycarbonate
Gasket	Silicone rubber
Dimension	200x200x52 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000/4000K
Luminaire Output	370 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	65
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL711-10LED	10W



LED Wall Mount (Outdoor)



TIS WLL621

Application

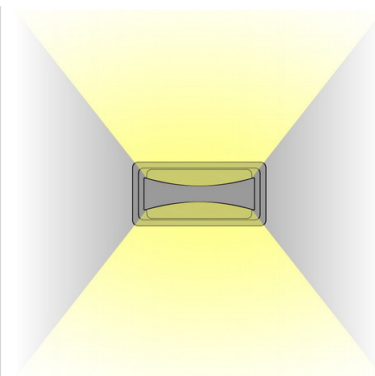
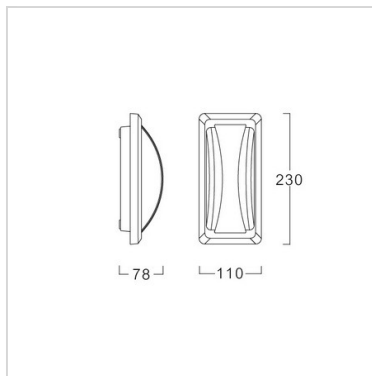
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Polycarbonate and ABS.
Finishing	Black color
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	110x230x78 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	550 lm
Beam Angle	Up and Down light, wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL621-10LED	10W



TIS WLL622

Application

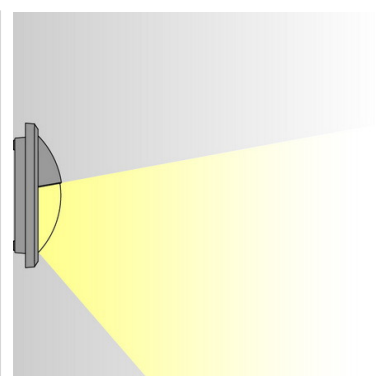
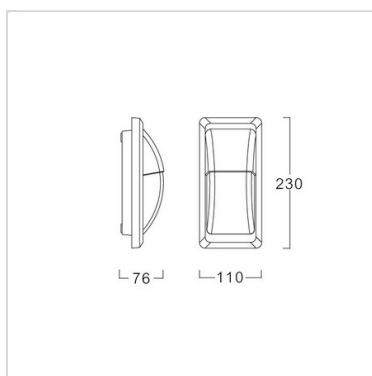
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

Housing	Polycarbonate and ABS.
Finishing	Black color
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	110x230x76 mm.
Mounting	Surface
Power	10W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	510 lm
Beam Angle	Asymmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x18W

Ordering Data

Model	Watt
WLL622-10LED	10W



LED Wall Mount (Outdoor)



TIS WLL510

Application

Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination, safety applications, etc.

Specification

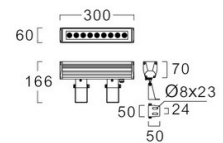
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	12W : 60x300x166 mm. 35W : 60x1000x166 mm.
Mounting	Surface
Power	12/35W
Light Source	LED Module
Colour Temperature	3000/5700K
Luminaire Output	12W : 750 lm 35W : 2220 lm
Beam Angle	10/25/40 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Insulation Class	I
IP Rating	66
Luminaire Lifetime	30,000 hrs.
Equivalent	12W : T5 1x21W 35W : T5 2x28W

Ordering Data

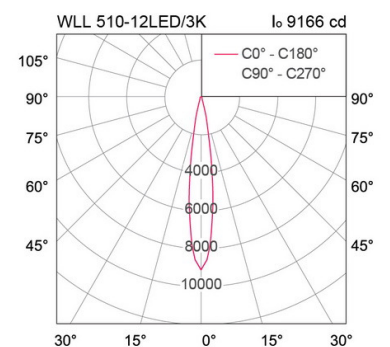
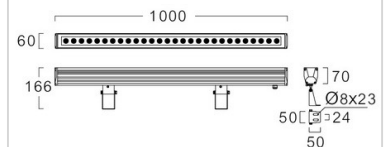
Model	Watt
WLL510-12LED	12W
WLL510-35LED	35W



WLL510-12LED



WLL510-35LED



LED Wall Mount (Outdoor)



TIS WLL802

Application

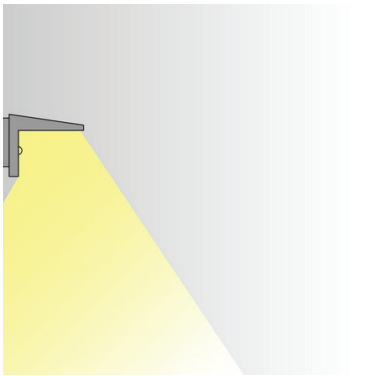
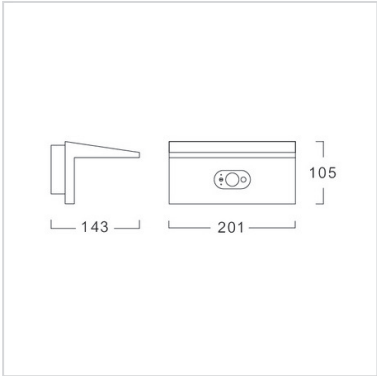
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Powered by battery back-up only). 10 hrs. back-up time maximum. 15% light output after sunset. 100% light output when movement detected 15% light output when no movement detected.
Finishing	Powder coated in black
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	Polycrystalline silicon
Battery	Lithium ion, 3.7V 2200mAh
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Sensor	Movement detector
Dimension	105x201x143 mm.
Mounting	Surface
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x9W

Ordering Data

Model	Watt
WLL802-3LED	3W



TIS WLL803

Application

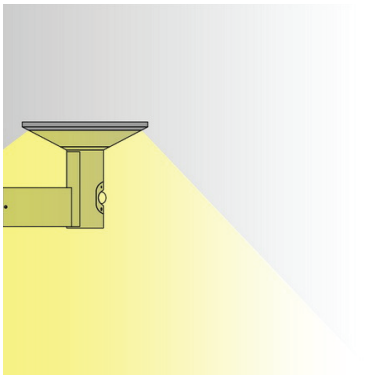
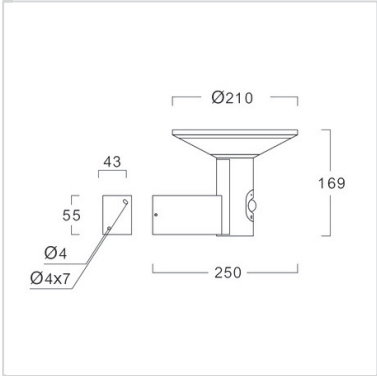
Wall mount luminaire is designed to use for outdoor applications such as walkways, wall illumination,safety applications,etc.

Specification

Housing	Die-cast aluminium
Description	Off-grid system (Powered by battery back-up only). 10 hrs. back-up time maximum. 15% light output after sunset. 100% light output when movement detected 15% light output when no movement detected.
Finishing	Powder coated in black
Charger	Fully automatic solid stage with constant voltage and limit current charging
Solar Cell	Polycrystalline silicon
Battery	Lithium ion, 3.7V 2200mAh
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Sensor	Movement detector
Dimension	210x169x250 mm.
Mounting	Surface
Power	3W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	150 lm
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
IP Rating	55
Luminaire Lifetime	30,000 hrs.
Equivalent	CFL 1x9W

Ordering Data

Model	Watt
WLL803-3LED	3W



LED Post Top

PTL200

Application

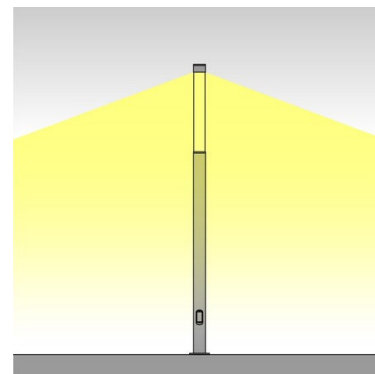
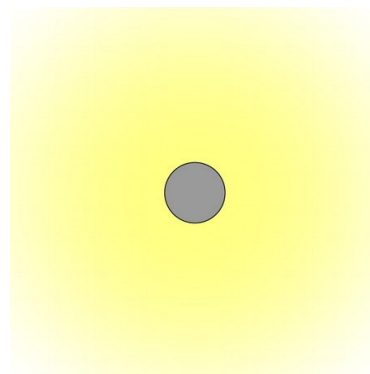
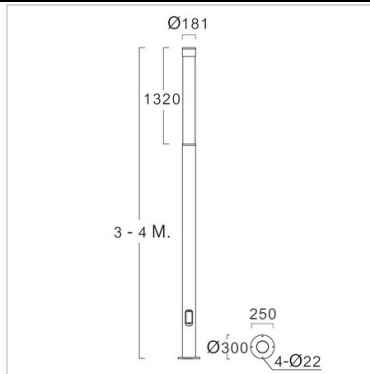
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent acrylic
Gasket	Silicone rubber
Dimension	Dia.181x3000-4000 mm.
Mounting	Surface
Power	48W
Light Source	LED-T8
Colour Temperature	3000/4000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	40,000 hrs.
Equivalent	T8 3x36W

Ordering Data

Model	Watt
PTL200-48LED-3.0M	48W
PTL200-48LED-3.5M	48W
PTL200-48LED-4.0M	48W



PTL214

Application

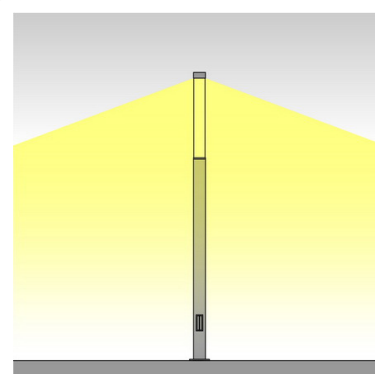
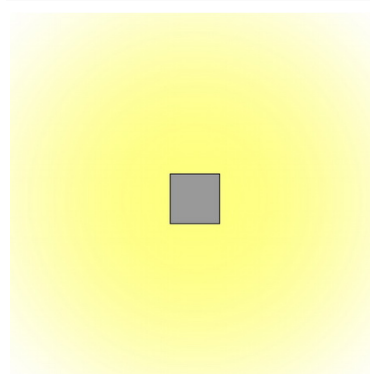
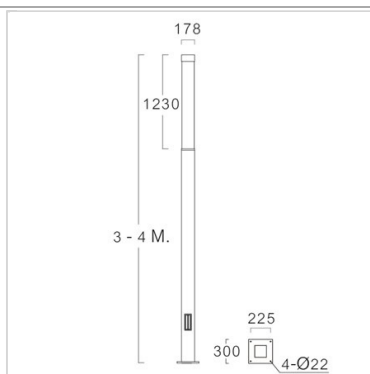
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent acrylic
Gasket	Silicone rubber
Dimension	178x178x3000-4000 mm.
Mounting	Surface
Power	64W
Light Source	LED-T8
Colour Temperature	3000/4000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	40,000 hrs.
Equivalent	T8 4x36W

Ordering Data

Model	Watt
PTL214-64LED-3M	64W
PTL214-64LED-4M	64W



LED Post Top

PTP203/LED

Application

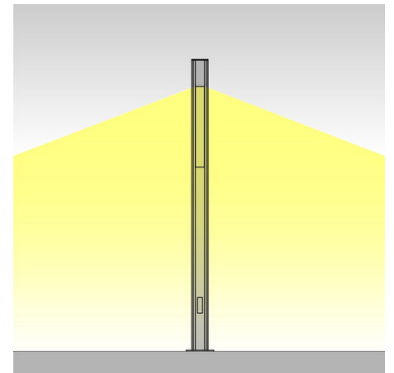
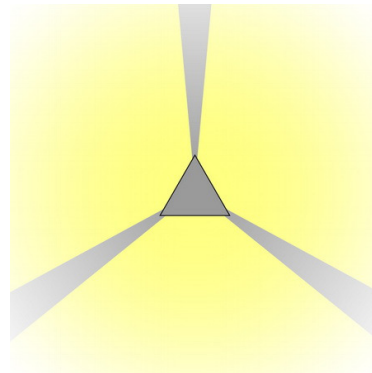
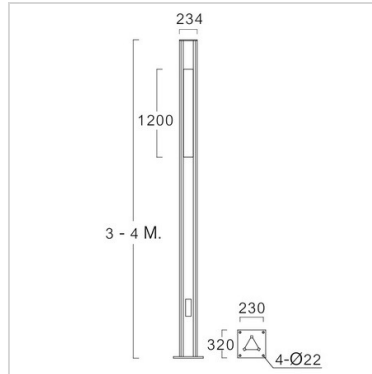
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	234x234x3000-4000 mm.
Mounting	Surface
Power	48W
Light Source	LED-T8
Colour Temperature	3000/4000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	40,000 hrs.
Equivalent	T8 3x36W

Ordering Data

Model	Watt
PTP203-48LED-3M	48W
PTP203-48LED-4M	48W



PTP204/LED

Application

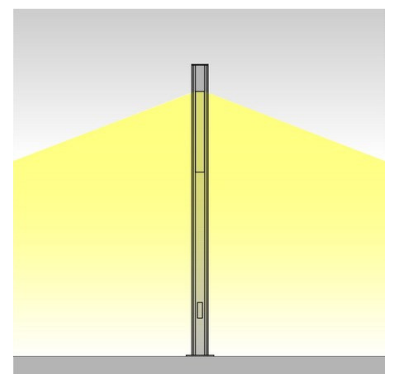
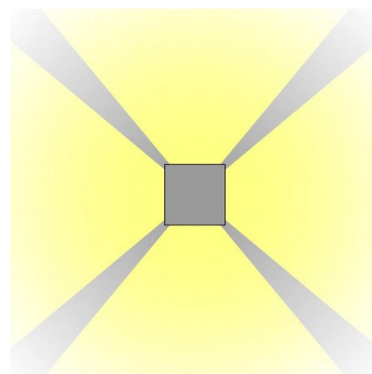
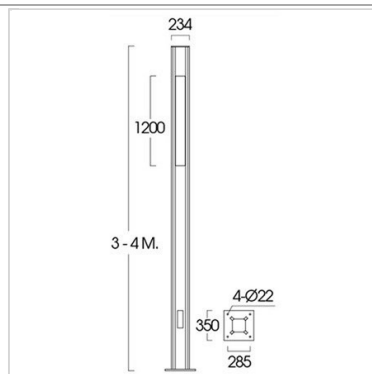
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Diffuser	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	234x234x3000-4000 mm.
Mounting	Surface
Power	64W
Light Source	LED-T8
Colour Temperature	3000/4000K
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	40,000 hrs.
Equivalent	T8 4x36W

Ordering Data

Model	Watt
PTP204-64LED-3M	64W
PTP204-64LED-4M	64W



LED Post Top

TIS PTL252

Application

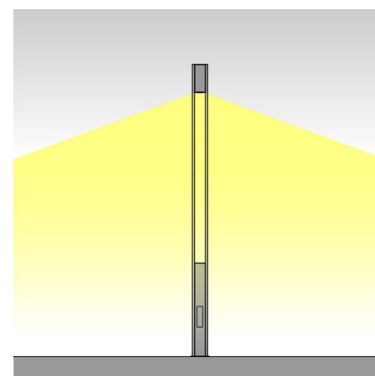
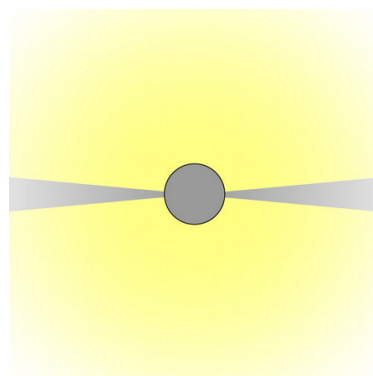
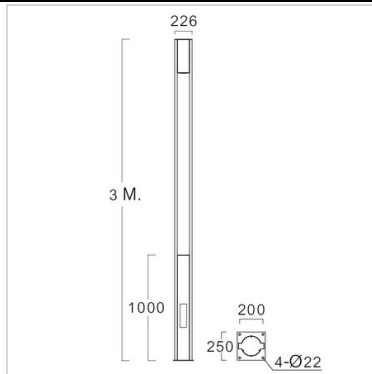
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Lens	Opalescent polycarbonate
Gasket	Silicone rubber
Dimension	226x190x3000 mm.
Mounting	Surface
Power	28W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	1680 lm
Beam Angle	120 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTL252-28LED-3M	28W



TIS PTL244

Application

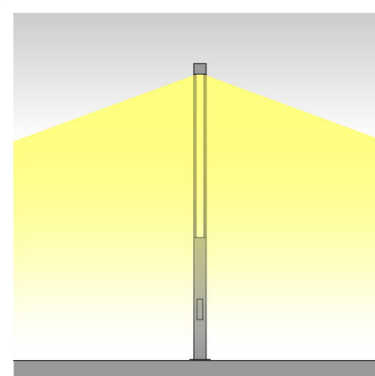
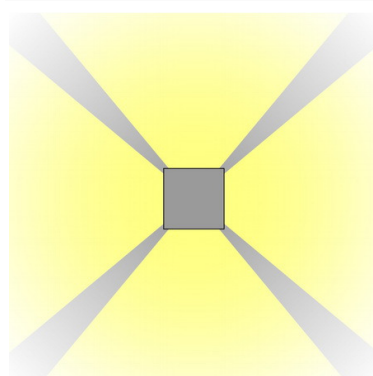
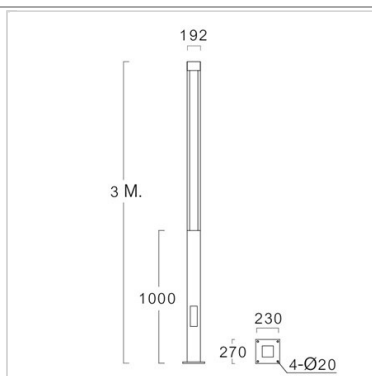
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Extruded aluminium
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	192x192x3000 mm.
Mounting	Surface
Power	40W
Light Source	LED-COB
Colour Temperature	3000K
Beam Angle	Symmetrical medium beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTL244-40LED	40W



LED Post Top



 TIS PTL903

Application

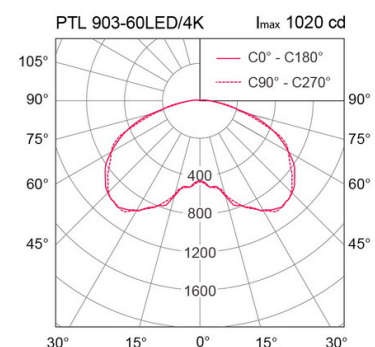
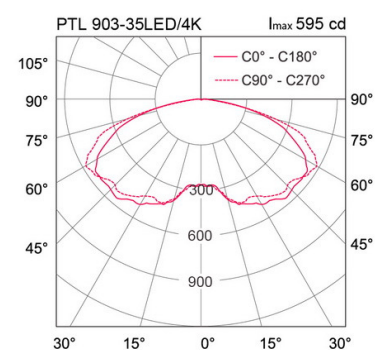
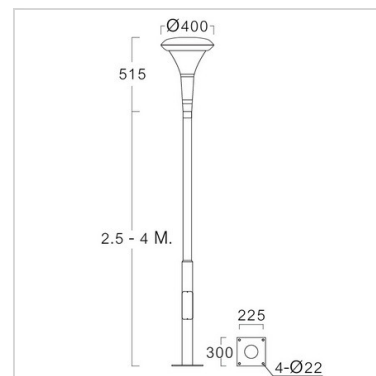
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Prismatic glass
Gasket	Silicone rubber
Dimension	Luminaire : Dia.400x515 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	35/60W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	35W : 2625 lm 60W : 4500 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	35W : MH 70W 60W : MH 150W

Ordering Data

Model	Watt
PTL903/3M-35LED	35W
PTL903/3M-60LED	60W



LED Post Top



 TIS PTL904

Application

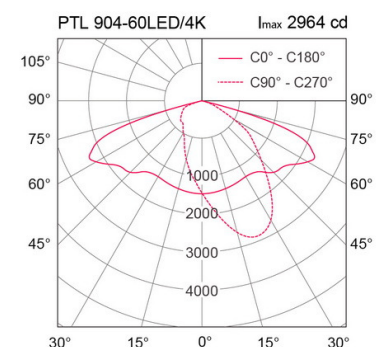
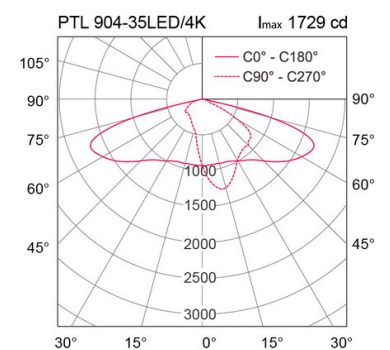
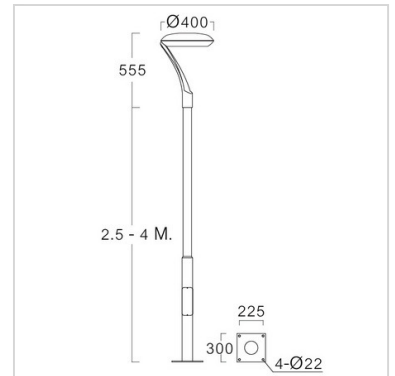
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : Dia.400x555 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	35/60W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	35W : 3500 lm 60W : 6000 lm
Beam Angle	Streetlight distribution (Type II)
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	35W : MH 70W 60W : MH 150W

Ordering Data

Model	Watt
PTL904/3M-35LED	35W
PTL904/3M-60LED	60W



LED Post Top



 TIS PTL205

Application

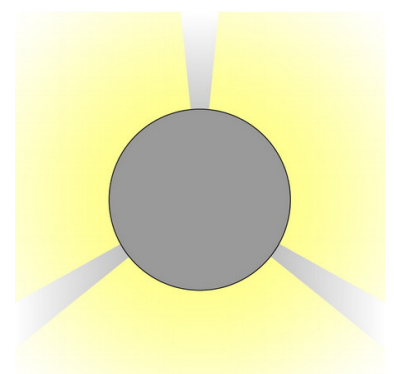
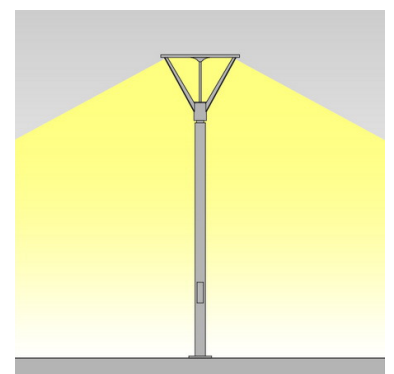
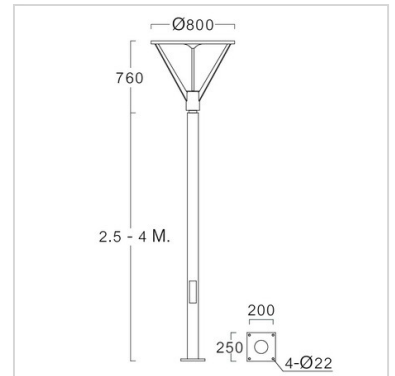
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Finishing	Powder coated in grey
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : Dia.800x760 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	2450 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTL205-35LED-3M	35W



LED Post Top

PTP500/LED

Application

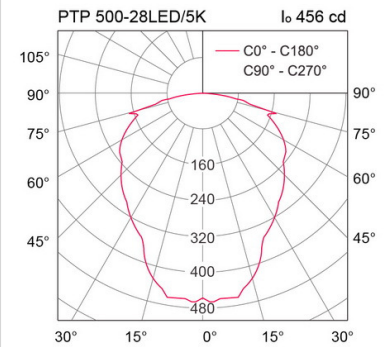
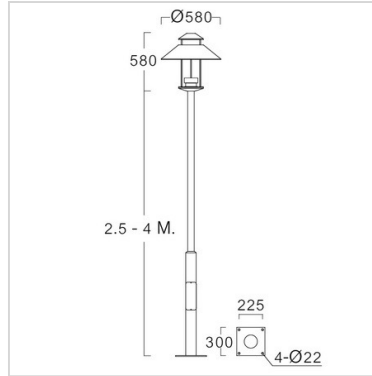
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : Dia. 580x580 mm. Pole : Dia. 114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	28W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	1680 lm
Beam Angle	112 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTP500-28LED-3M	28W



PTP510/LED

Application

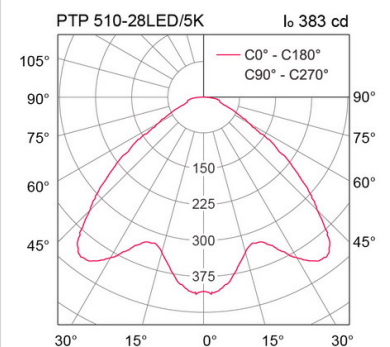
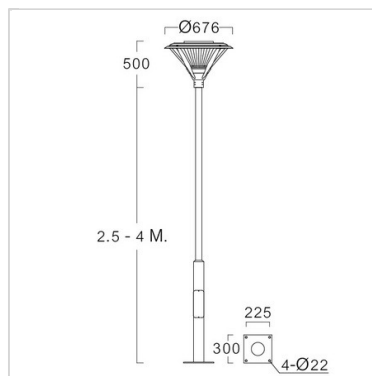
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : Dia. 676x500 mm. Pole : Dia. 114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	28W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	1510 lm
Beam Angle	112 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTP510-28LED-3M	28W



LED Post Top



TIS PTP110B/LED

Application

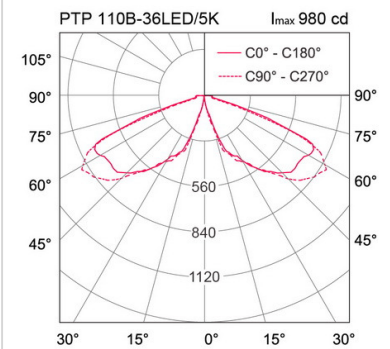
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : Dia.450x775 mm. Pole : Dia.165/76 mm., H2500-4000 mm
Mounting	Surface
Power	36W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	2800 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTP110B-36LED-3M	36W



TIS PTL201

Application

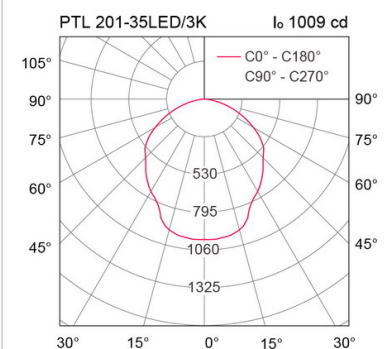
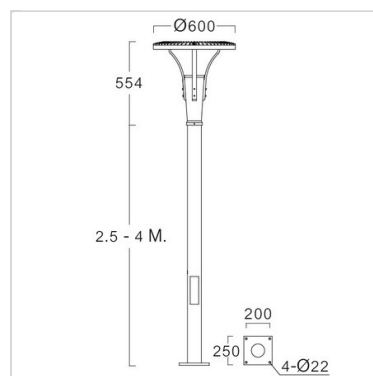
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Finishing	Powder coated in grey
Diffuser	Prismatic polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : Dia.600x554 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	35W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	2650 lm
Beam Angle	110 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 70W

Ordering Data

Model	Watt
PTL201-35LED-3M	35W



LED Post Top

PTL209

Application

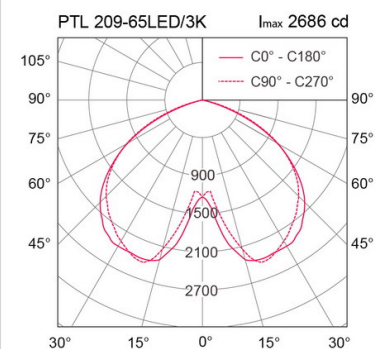
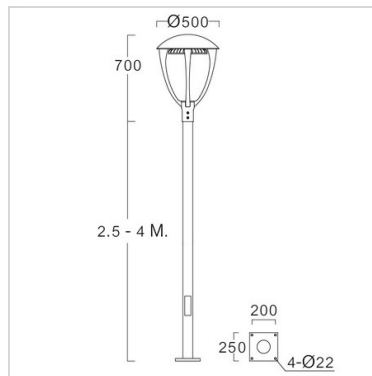
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast and die-formed aluminium with zinc coated steel pole
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : Dia.500x700 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	65W
Light Source	LED Module
Colour Temperature	3000/5000K
Luminaire Output	6825 lm
Beam Angle	Symmetrical wide beam
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 150W

Ordering Data

Model	Watt
PTL209-65LED-3M	65W



PTL309

Application

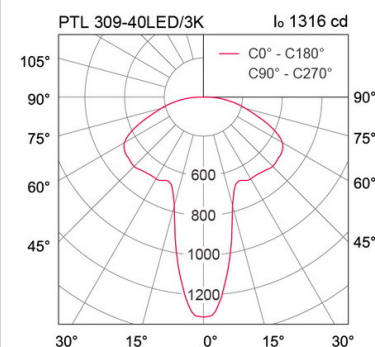
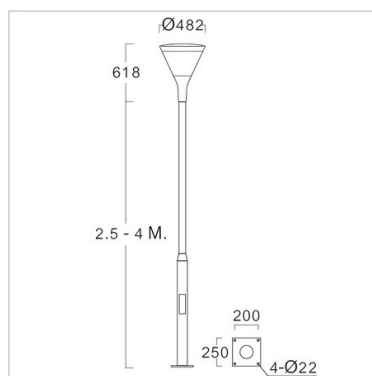
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : Dia.482x618 mm. Pole : Dia.114/76 mm., H2500-4000 mm.
Mounting	Surface
Power	40W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	2800 lm
Beam Angle	30 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.9
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 100W

Ordering Data

Model	Watt
PTL309-40LED-3M	40W



LED Post Top



PTL351/SH

Application

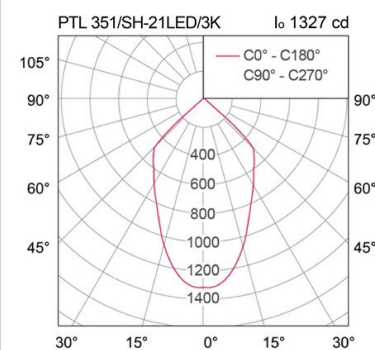
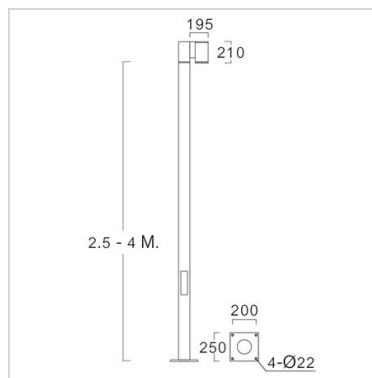
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with painted steel pole
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : 145x195x210 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	21W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	1480 lm
Beam Angle	60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
PTL351/SH-21LED	21W



PTL351/DH

Application

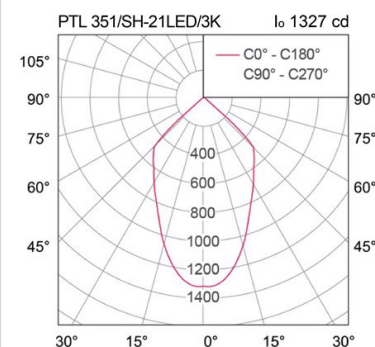
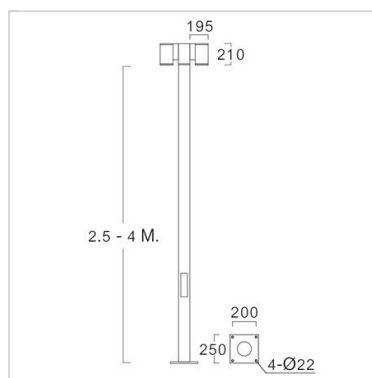
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with painted steel pole
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : 145x195x210 mm. Pole : Dia.114x2500-4000 mm.
Mounting	Surface
Power	42W : 2x21W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	2x1480 lm
Beam Angle	60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 2x75W

Ordering Data

Model	Watt
PTL351/DH-42LED	42W



LED Post Top



PTL461/SH

Application

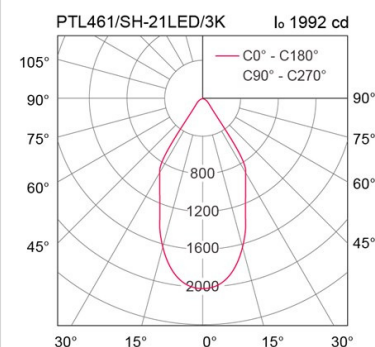
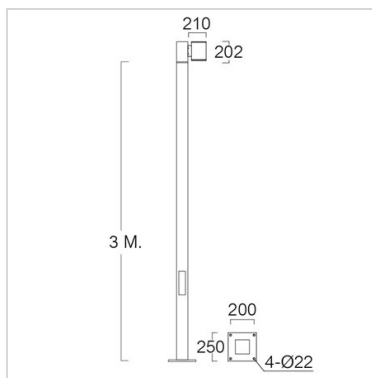
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with painted steel pole
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : 150x210x202 mm. Pole : 100x100x2500-4000 mm.
Mounting	Surface
Power	21W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	1640 lm
Beam Angle	60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
PTL461/SH-21LED	21W



PTL461/DH

Application

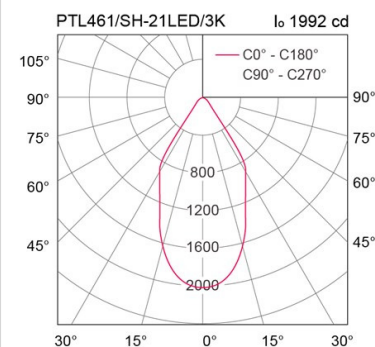
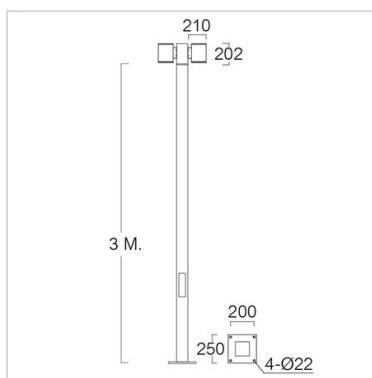
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with painted steel pole
Finishing	Powder coated in black
Lens	Clear toughened glass
Gasket	Silicone rubber
Dimension	Luminaire : 150x210x202 mm. Pole : 100x100x2500-4000 mm.
Mounting	Surface
Power	42W : 2x21W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	2x1640 lm
Beam Angle	60 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	PAR30 2x75W

Ordering Data

Model	Watt
PTL461/DH-42LED	42W



LED Post Top



PTL901/SH

Application

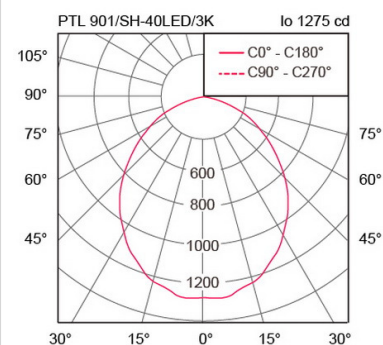
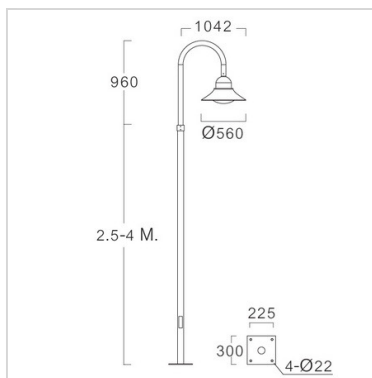
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : 560x1042x960 mm. Pole : Dia.114 mm., H2500-4000 mm.
Mounting	Surface
Power	40W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	3000 lm
Beam Angle	100 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 100W

Ordering Data

Model	Watt
PTL901/SH-40LED-3M	40W



PTL901/DH

Application

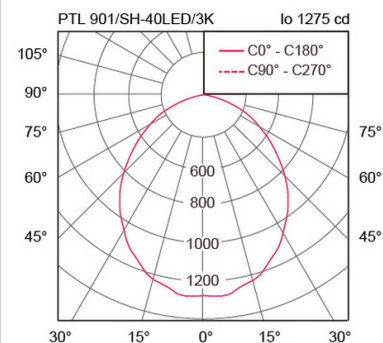
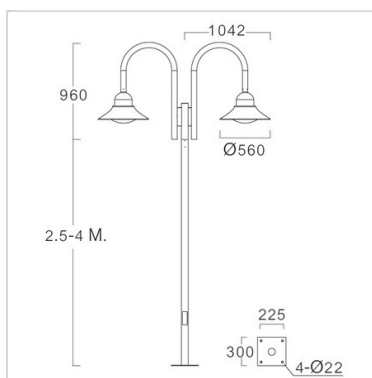
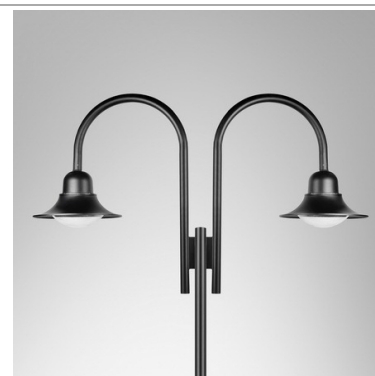
Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-cast aluminium with zinc coated steel pole
Finishing	Powder coated in black
Diffuser	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : 560x2084x960 mm. Pole : Dia.114 mm., H2500-4000 mm.
Mounting	Surface
Power	80W : 2x40W
Light Source	LED Module
Colour Temperature	3000K
Luminaire Output	2x3000 lm
Beam Angle	100 degree
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	MH 2x100W

Ordering Data

Model	Watt
PTL901/DH-80LED-3M	80W



LED Post Top



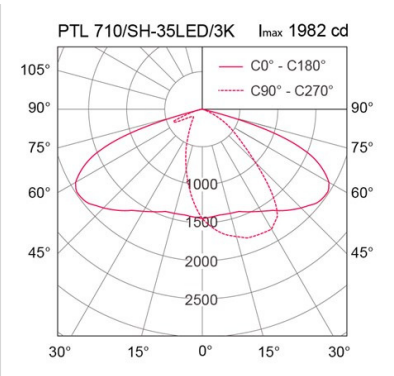
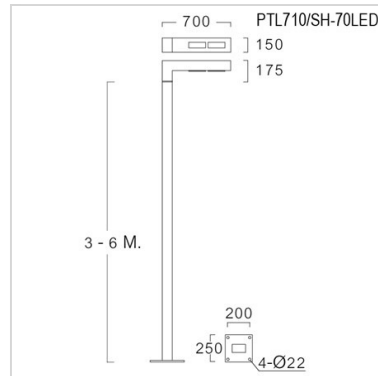
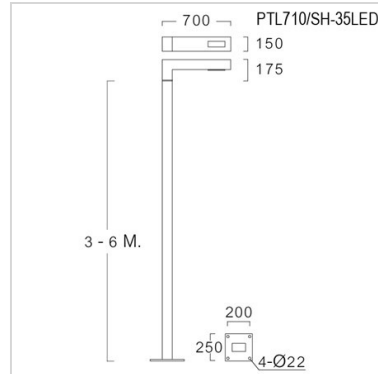
PTL710/SH

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

Housing	Die-formed steel
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : 150x700x175 mm. Pole : 150x75x3000-6000 mm.
Mounting	Surface
Power	35/70W
Light Source	LED Module
Colour Temperature	3000/4000K
Luminaire Output	35W : 4725 lm 70W : 9450 lm
Beam Angle	Street lighting distribution Forward throw distribution
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	35W : MH 70W 70W : MH 150W



Ordering Data

Model	Watt
PTL710/SH-35LED	35W
PTL710/SH-70LED	70W

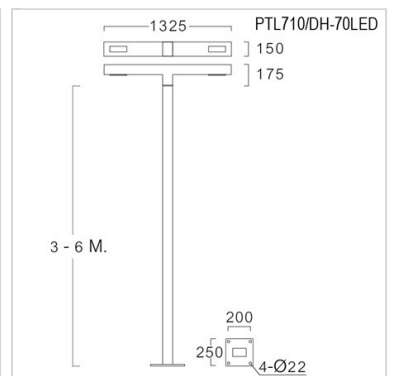
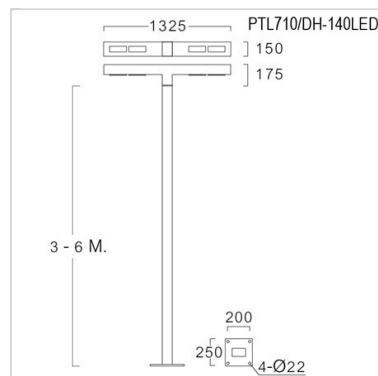
PTL710/DH

Application

Post-top luminaire is designed to use for public or private areas such as hotels, houses, gardens, parks, walkways, etc.

Specification

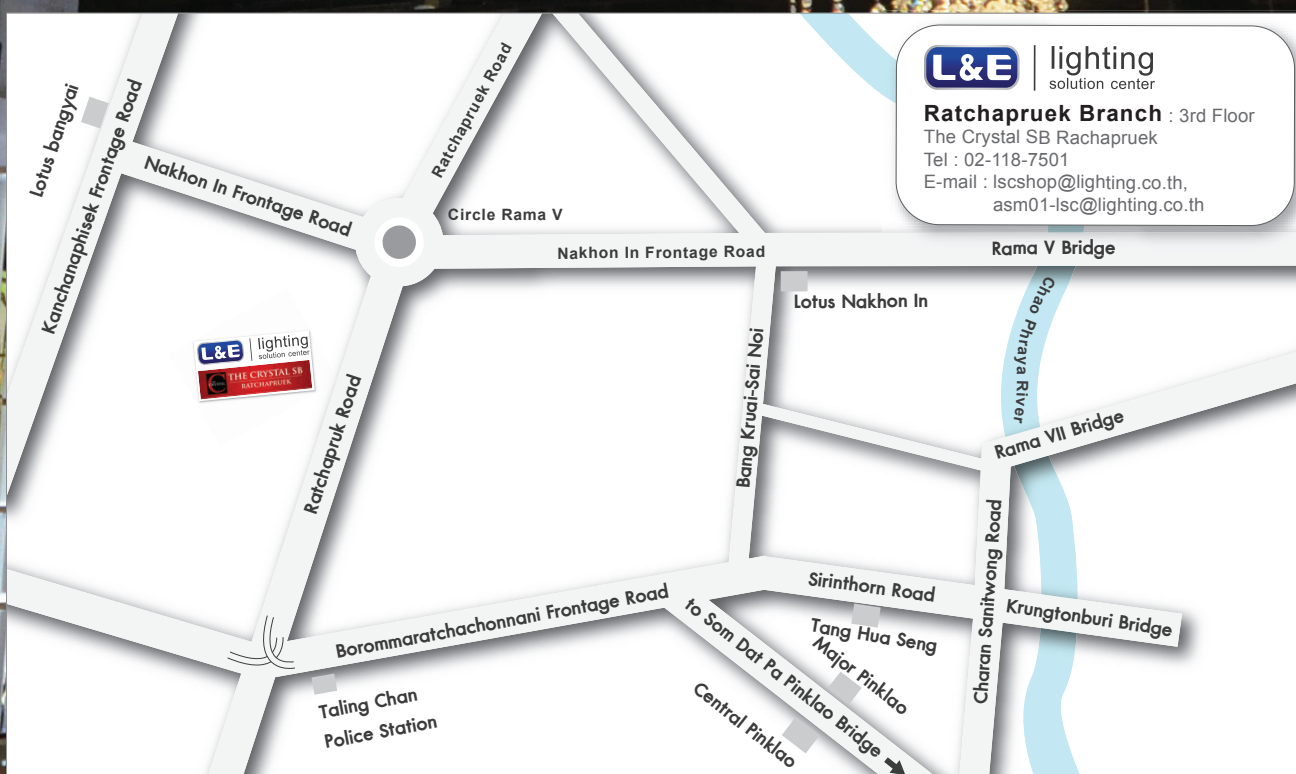
Housing	Die-formed steel
Finishing	Powder coated in black
Lens	Polycarbonate
Gasket	Silicone rubber
Dimension	Luminaire : 150x1325x175 mm. Pole : 150x75x3000-6000 mm.
Mounting	Surface
Power	70W : 2x35W 140W : 2x70W
Light Source	LED Module
Colour Temperature	3000/4000K
Luminaire Output	70W : 2x4725 lm 140W : 2x9450 lm
Beam Angle	Street lighting distribution Forward throw distribution
Control Gear	Built-in driver
Power Supply	220VAC 50Hz
Power Factor	> 0.95
Insulation Class	I
IP Rating	55
Luminaire Lifetime	50,000 hrs.
Equivalent	70W : MH 2x70W 140W : MH 2x150W



Ordering Data

Model	Watt
PTL710/DH-70LED	70W
PTL710/DH-140LED	140W







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