

A photograph of a modern retail shop interior. The space features dark, perforated metal shelving units on the left, filled with folded clothing and hanging items like jeans. The ceiling is dark with several track lighting fixtures and pendant lights. A bright red curved wall is on the right. The floor is a light-colored, polished material. The overall lighting is a mix of warm and cool tones, creating a contemporary atmosphere.

THORN

LIGHTING

LIGHTING
FOR YOUR
SHOP

WE MAKE LIGHT WORK FOR YOU

From parking spaces to shop windows, sales rooms to storage rooms – the right lighting makes all the difference. The perfect lighting solution can now be yours with minimal effort and expense:

Thorn offers intelligent, low-maintenance, energy-saving products at an attractive price, transforming regular sales areas and showrooms into contemporary experience-led spaces.

LIGHTING FOR YOUR SHOP

A photograph of a retail store's clothing section. The image shows several shelves made of dark, industrial-style metal. On the shelves are stacks of folded blue jeans and a light-colored canvas bag with dark straps. Price tags are visible on the shelves. The text "LIGHT - THE BEST SALES TOOL" is overlaid in the center in a large, white, sans-serif font.

LIGHT - THE BEST SALES TOOL

96.00

110.50

61

LIGHT FOR PEOPLE

Retailing today all comes down to the shopping experience. Rather than simply illuminating products, lighting can wow customers and turn shopping into a true experience.

LIGHT FOR SPACES

The right lighting can transform a sales area into a showcase setting where brands become storytellers and customers can't wait to return.

LIGHT FOR THE ENVIRONMENT

Thanks to our wide range of products, well-directed staging in retail spaces is possible without wasting energy: the right lighting solutions cut energy consumption, making shops more sustainable and profitable.

THORN FOR...

Retailers

Your business presented in the best light: Thorn offers the perfect lighting for any shop or space.

Flexible solutions reduce design time,
so you can focus on your core business.

Electricians & service providers

Deliver projects successfully: simple planning and user-friendly products make installation easy. Any kind of project can be implemented efficiently – from boutique to supermarket.

Thorn's solutions reduce your workload, while boosting your success.

Project developers & investors

Efficiency for all your projects, both big and small.

Thorn offers a full range of luminaires for any requirement, plus all the accessories you could need. That means modern lighting solutions are easily achievable for retail properties of any kind – with minimal effort thanks to our services, such as lighting planning and finance.

PERFECTLY SIMPLE, THANKS TO...



Reliable service

Thorn provides a five-year guarantee on its products. Customers benefit from an extensive range of support services and the Zumtobel Group's global network.



All the accessories you could need

Lenses, reflectors and much more besides – our wide range of accessories is the perfect complement to our flexible solutions.



Outstanding efficiency

Thorn's LED luminaires reduce energy consumption even when in continuous operation.



Full product assortment

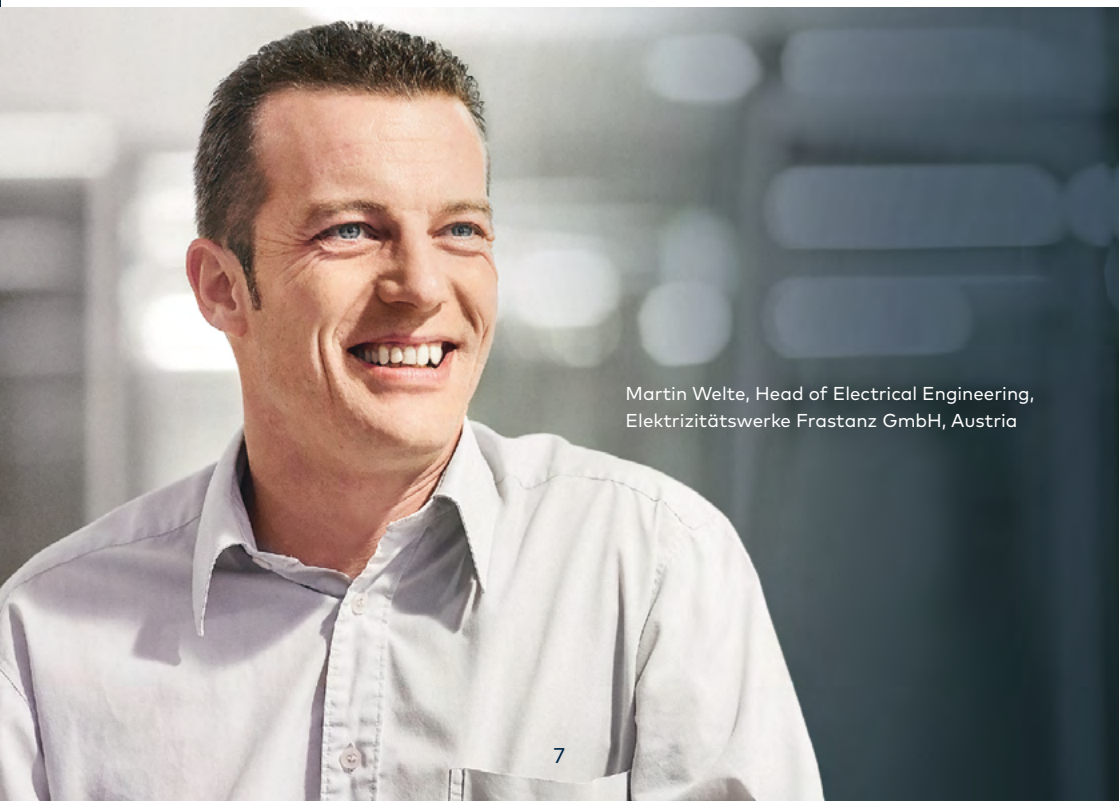
Our wide range of products means Thorn can offer the right solution for every scenario – from parking spaces, to shops, to storage rooms.



Rainer Schnorpfeil, Managing Director,
S.I.G.M.A. Technik Service GmbH, Germany

"When it comes to lighting sales and display areas, high-quality, attractive and energy-efficient products are an especially vital component. However, in order to deliver true quality, for us it is also essential that lighting solutions are available for quick delivery, flexible and easy to use."

"High-quality, yet simple and well thought-out lighting solutions help us to provide our clients with reliable information and to implement their project without complications, so that they can focus on their core business. And as their business grows, the systems can be adapted to suit their requirements, without the need for any additional significant design time."



Martin Welte, Head of Electrical Engineering,
Elektrizitätswerke Frastanz GmbH, Austria

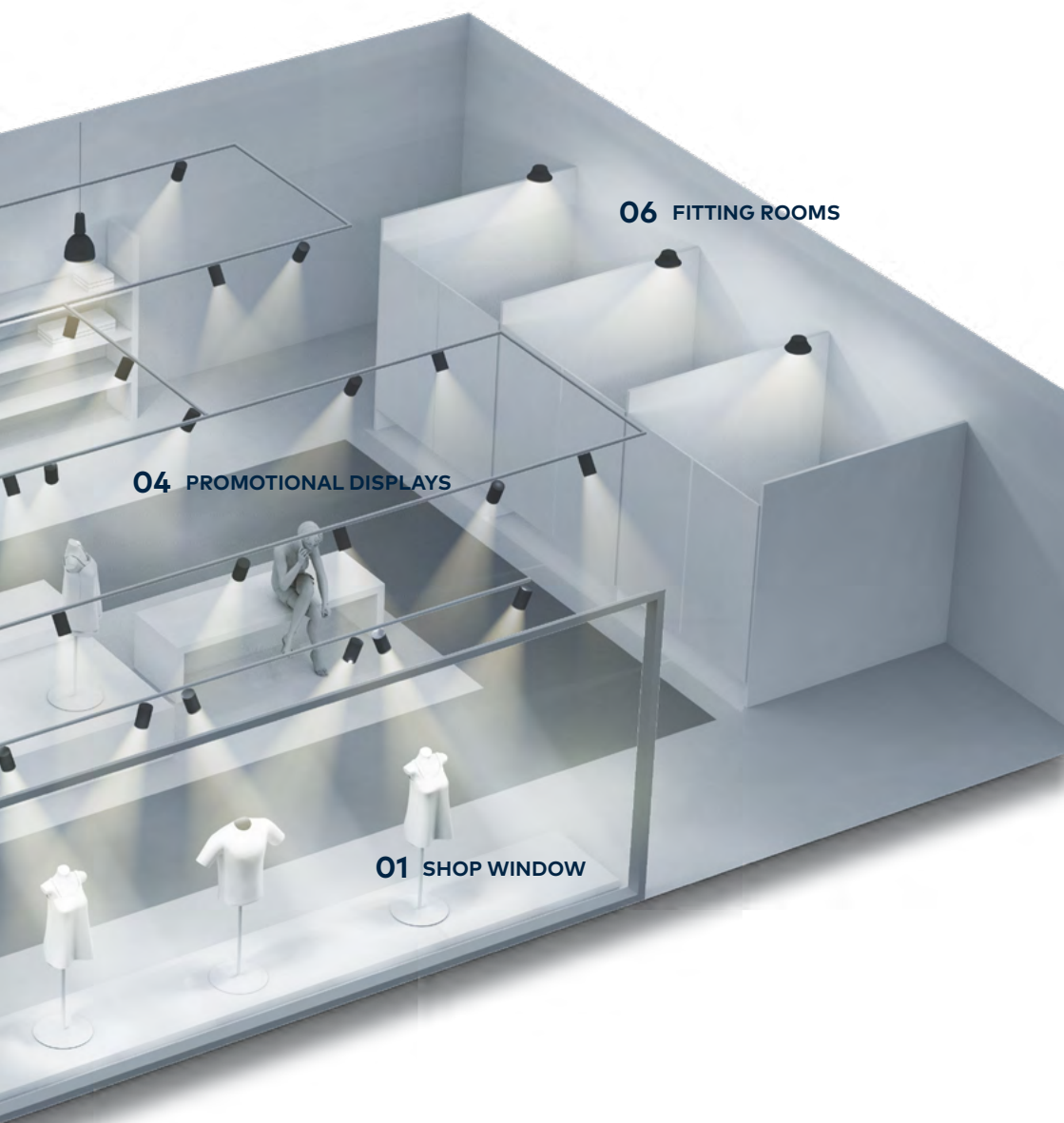
ZONE LIGHTING

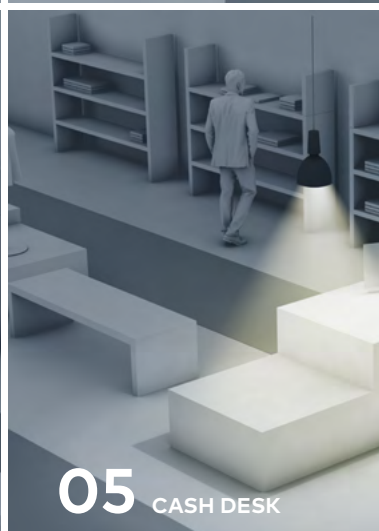


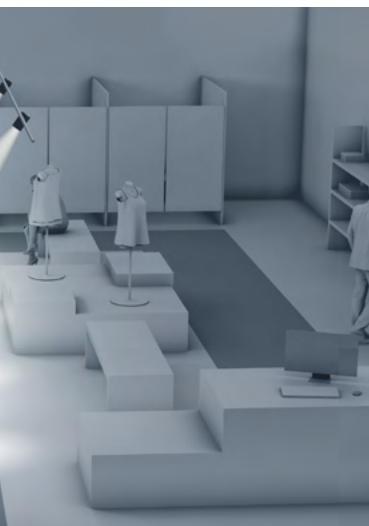
03 SHELVES

05 CASH DESK

02 AISLE







THE FIVE STAGES OF PLANNING YOUR LIGHTING

- 01 INITIAL consultation.
- 02 DEVISING the lighting plan.
- 03 SELECTING the best solution.
- 04 CHOOSING the luminaire models.
- 05 INSTALLING and commissioning the lighting solution.





REQUIREMENTS FOR LIGHTING INDOOR WORKPLACES

Standard EN 12464-1, "Lighting of indoor workplaces", sets out the minimum requirements for lighting a retail space.

SALES ROOMS

	Em	R _{UGL}	Uo	Ra
Sales rooms	300 lx	22	0.40	80
Cash desk areas	500 lx	19	0.60	80
Wrapping desks	500 lx	19	0.60	80

Em – Maintained illuminance

R_{UGL} – Unified glare rating

Uo – Uniformity

Ra – Colour rendering index

PLANNING EXAMPLE: CYCLE SHOP

REQUIREMENTS

- Sales area: 87.5 m²
- Contemporary look
- Flexible lighting solution that enables both uniform lighting and accent lighting
- High colour rendering (Ra > 90)
- Materials such as stone walls, wooden walls and wooden flooring

LIGHTING SOLUTION

Flexible accent lighting and general lighting with swivel adjustable recessed luminaires:

- Tonic recessed spotlight
- Tonic Gimbal

Colour temperature 3000 K



TONIC RECESSED SPOTLIGHT

Rotatable LED recessed spotlight, swivel adjustable through 75°
(3000/4000 K, Ra > 90)

**TONIC GIMBAL**

Rotatable LED recessed
spotlight, swivel adjustable
through 30°
(3000/4000 K, Ra > 90)



önlich

sitz

Lässt uns all zu Freund

Friedlich wird es dann

War den Wa

Freude aus

We



A MODERN STORE CONCEPT AND CLEAR DESIGN REQUIREMENTS

These two factors can be combined in the cycle shop – through a flexible lighting scheme. Warm, 3000 K lighting highlights the various materials and products, presenting the items in a clear, attractive way. It simultaneously emphasises the comfortable atmosphere in the shop. Swivel adjustable spotlights lend the required flexibility for presenting products in different ways.



PLANNING EXAMPLE: JEANS SHOP

REQUIREMENTS

- Sales area: 87.5 m²
- Industrial look
- Homogeneous shelf lighting
- Implementation of different lighting scenarios, high colour rendering
- Materials and elements such as panelled walls, pallets, screed floor, metal and steel shelves

LIGHTING SOLUTION

Accent lighting and decorative illumination for presenting the products using spotlights and pendant luminaires with opal glass bodies. Subtle general lighting in the fitting rooms using downlights.

Pendant luminaires and recessed luminaires:

- Tonic spotlight
- Chalice Pro downlight
- Glacier II LED pendant luminaire

Colour temperature 3000 K



GLACIER II LED

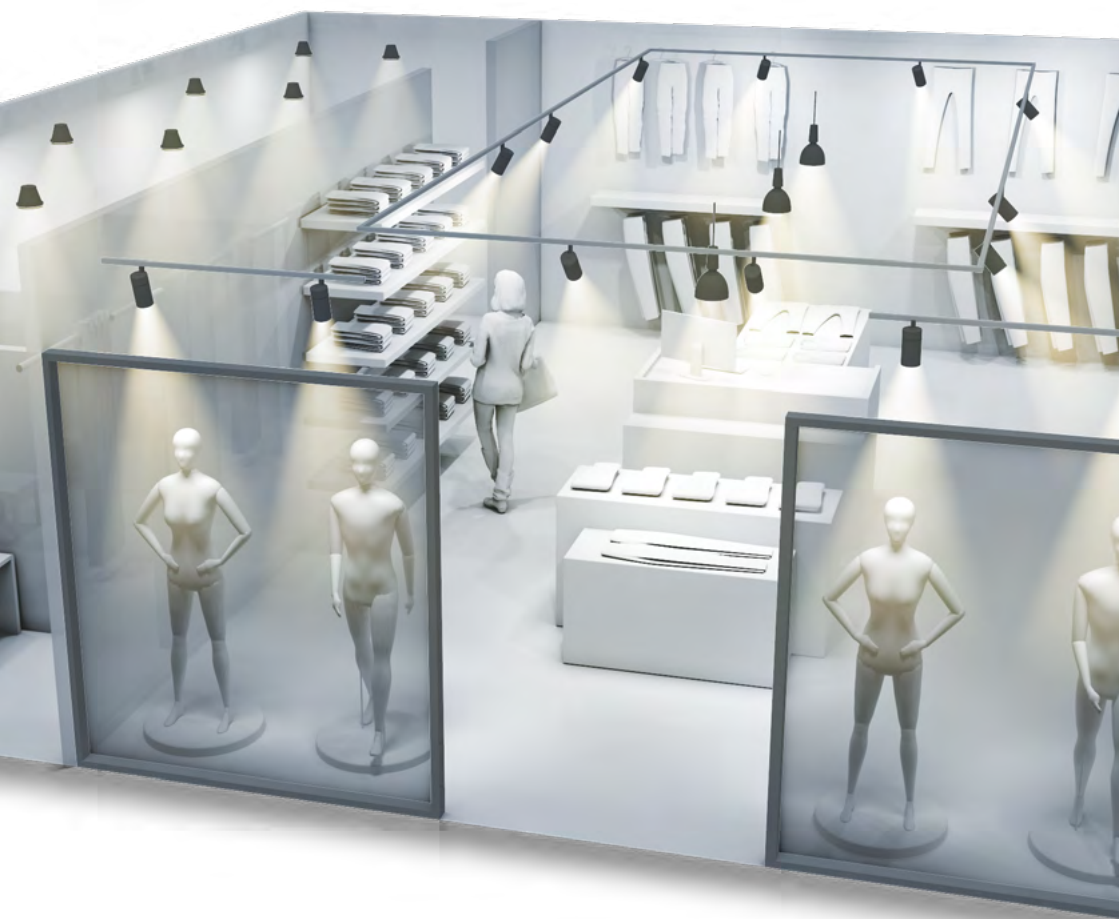
Decorative pendant luminaire
(3000/4000 K, 1000 to 9500 lm,
Ra 80, two sizes)

CHALICE PRO

LED downlight
(3000/4000 K,
Ra 80, up to 3000 lm)

**TONIC SPOTLIGHT**

LED spotlight with
high colour rendering
(3000/4000 K, Ra > 90,
up to 2800 lm)





93.50

93.50

77.40

Biologia della Banca



96.00

110.50

64



HARD-WEARING MATERIALS AND A TIMELESS LOOK

These two factors complement each other perfectly and call for high colour rendering. Precise spotlights combined with decorative pendant luminaires are all that's needed to skilfully showcase the products – attractively presenting denim lines. The opal glass bodies of the pendant luminaires create soft, uniform general lighting throughout the room. Product highlights can be discreetly accentuated using the spotlights.



GIMBAL / SPOTLIGHTS / RECESSED SPOTLIGHTS

TONIC AT A GLANCE

- For sales rooms, retail units and exhibition spaces
- Spotlights, recessed spotlights or Gimbal
- White or black (spotlights only)
- Luminous flux up to 2800 lm
- Luminous efficacy up to 90 lm/W
- Ra > 90 bright white spectrum
- 3000 K and 4000 K

A spotlight product group with a whole range of options. Choosing the perfect Tonic model is easy – thanks to distinct product variations.

CONF



**AT YOUR
SERVICE**



**THE TONIC RECESSED SPOTLIGHT
AND TONIC GIMBAL ARE
AVAILABLE IN WHITE.**

Tonic: a versatile product group with integrated LED control gear for different mains voltages.

**TONIC
RECESSED SPOTLIGHT**



**TONIC
GIMBAL**



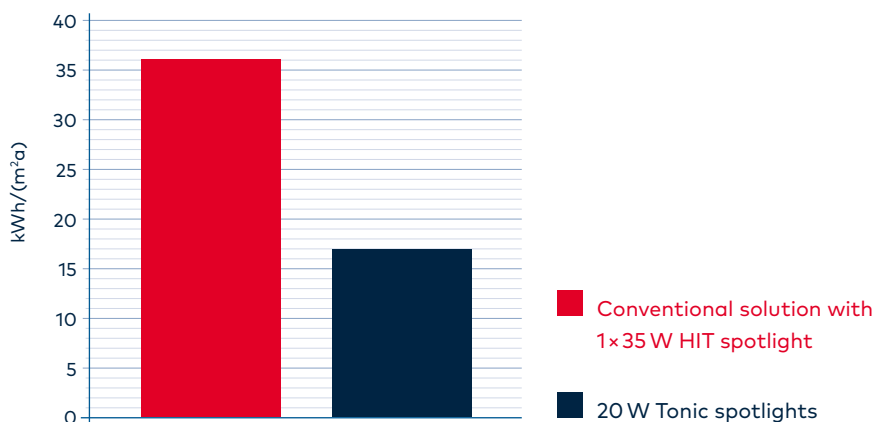
**TONIC
SPOTLIGHT**



The TONIC SPOTLIGHT is available in black or white.

SAVE ENERGY WITH TONIC

Incredible cost-effectiveness and a comfortable ambience for sales rooms are easy to achieve with Tonic. Because retail outlets have long opening hours, energy-efficient lighting solutions are particularly important. Replacing your lights with Thorn Tonic spotlights can offer significant financial savings, due to their efficient LEDs and a payback period of just three years*.



* Specifications:
Retail space: 87.5 m²
Energy costs: € 0.08/kWh
Operating hours: 3128.5 h/year
1:1 replacement



50%

**ENERGY SAVINGS OF MORE THAN
50% ARE POSSIBLE WITH TONIC.**



DECORATIVE LED PENDANT LUMINAIRE

Decorative, flexible and powerful: the Glacier II LED will perfectly match your design concept – and can easily cope with high ceilings thanks to a luminous flux of up to 9500 lm.

GLACIER II LED

The Glacier II LED modern pendant luminaire, available with five different reflectors, in two housing colours and two different sizes, is the perfect alternative to any HID pendant luminaire. It combines efficacy of up to 130 lm/W with the convenience of modern luminaires, such as dimmability, DALI compatibility and a built-in emergency lighting function.

THE SIMPLE ALL-ROUND SOLUTION FROM PARKING SPACE TO STORAGE ROOM

Deliver projects successfully

User-friendly products and simple planning make installation easy. Any kind of project can be implemented efficiently – from boutique to supermarket. Thorn's solutions reduce your workload, while boosting your success.

Thorn offers an extensive portfolio of spotlights, pendant luminaires, light lines and external lights, for both indoor and outdoor use.





01 CIVITEQ
Street



02 URBA DECO
Parking space



03 GLACIER II LED
Room zone with
high ceiling



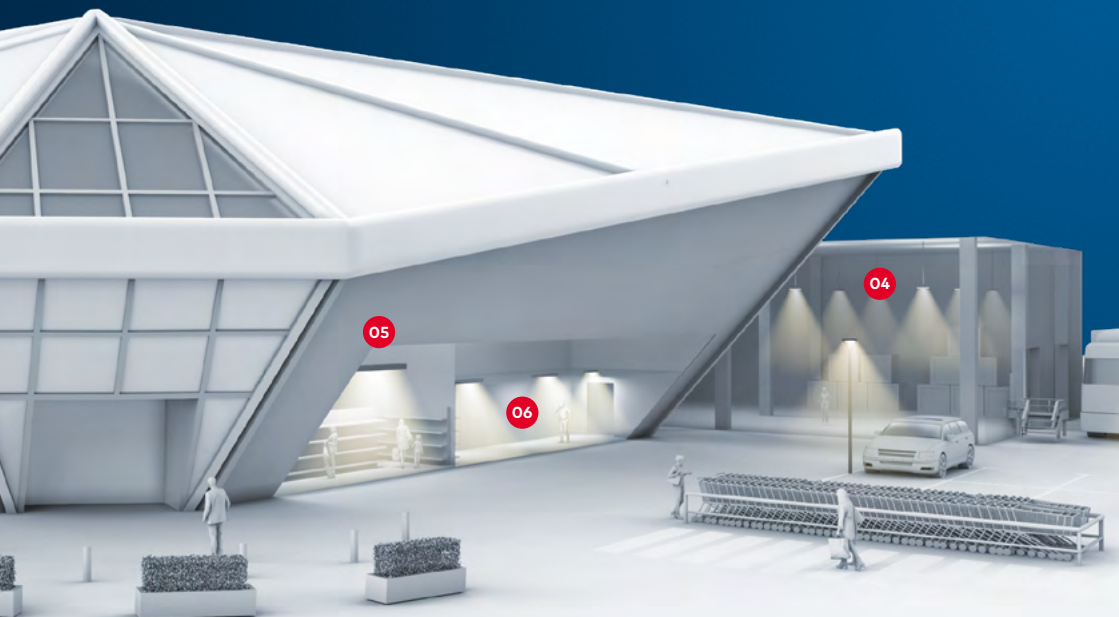
04 HIPAK
Storage room



05 PRIMATA LED
Supermarket



06 POPPACK LED
Corridor to the
storage room





**5 YEAR
GUARANTEE**

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.
thornlighting.com/guarantee

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.

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STAY IN TOUCH

To discuss how Thorn can make light work for you,
please don't hesitate to contact us

thornlighting.com/offices