

THORN
LIGHTING

WE
KNOW
LIGHTING.
INSIDE
OUT.

A photograph of a modern, two-story building at night. The building has a dark facade with large glass windows and doors. The interior lights are on, and the glass reflects the surrounding environment. A prominent red neon sign spelling "THORN" is mounted on the roof. The sky is a deep blue, and the ground in front of the building is dark. The overall mood is professional and modern.

THORN

WE KNOW LIGHTING. INSIDE OUT.

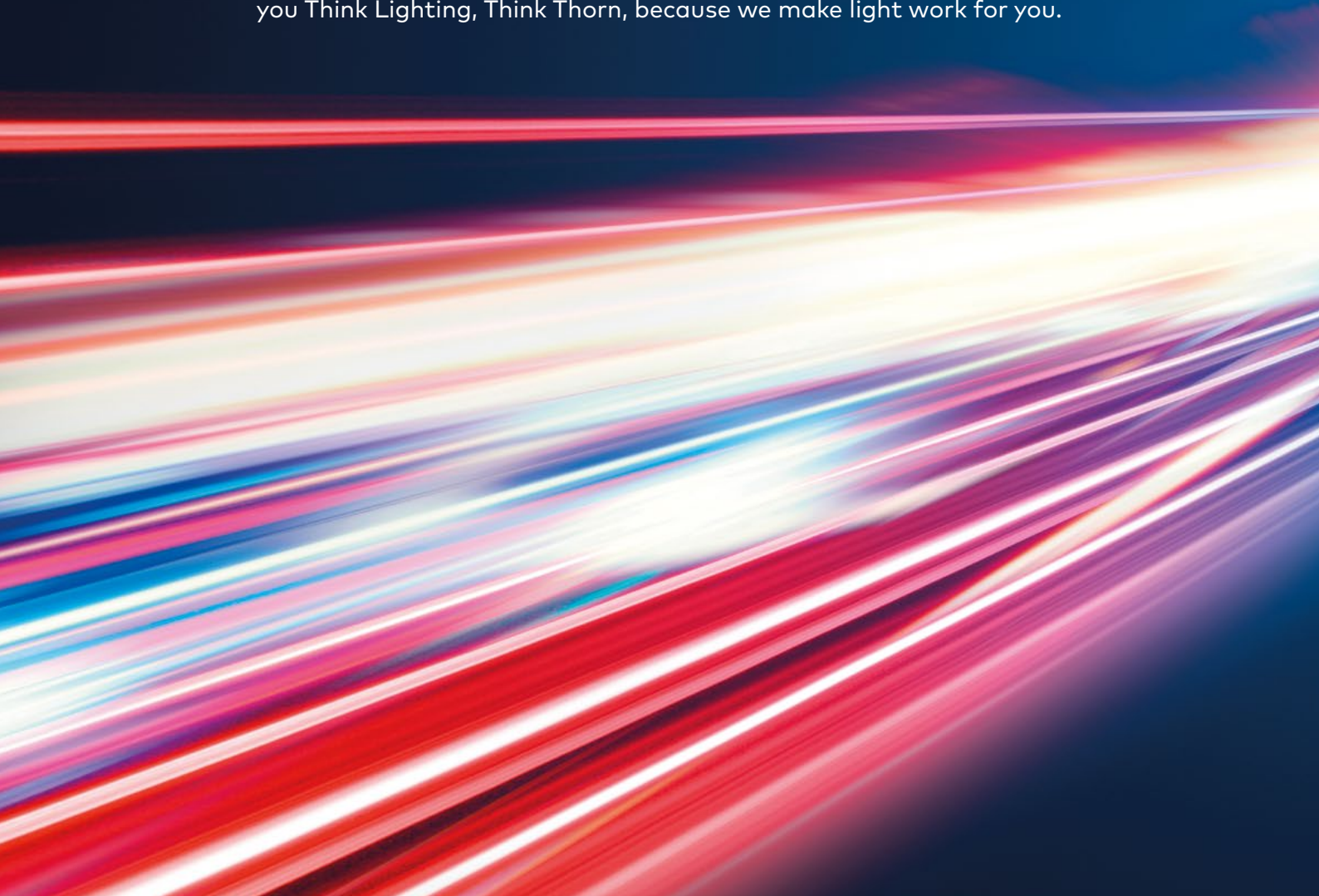
At Thorn Lighting we strive to make the lives of our customers and partners easy. How? By keeping efficiency, connectivity, knowledge and sustainability at the core of our products and solutions.

In our brand book we're excited to share the applications that we operate in and the solutions that we offer to meet the needs of people, places and the environment.

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THINK LIGHTING THINK THORN

With nearly 100 years' experience in manufacturing and supplying efficient, high-quality and connected solutions, Thorn knows lighting, inside out. Our knowledgeable people provide best-in-class support throughout the entire customer journey, while our extensive portfolio of products and technologies can be used for both indoor and outdoor applications including education, health and care, office, retail, urban life, architecture, sport, road, transportation and tunnel. Our unrivalled expertise and easy-to-use products extend further into our ThornEco range which offers economical luminaires for wholesalers. So next time you Think Lighting, Think Thorn, because we make light work for you.



The background is a dark blue gradient with numerous bright, diagonal light streaks in shades of red, orange, and yellow, creating a sense of motion and energy.

**WE
MAKE
LIGHT
WORK**



PROMOTE EFFICIENCY

Efficiency is at Thorn Lighting's core, seamlessly embedded in our products and processes offering efficient, easy-to-install, and environmentally conscious lighting solutions. Thanks to our deep knowledge we are able to rigorously assess existing installations or new build project requirements, and propose a solution that both maximises energy efficiency whilst considering the users of the space.





SHARE KNOWLEDGE

Knowledge is power and we love to share ours. Thanks to nearly 100 years' of industry experience we're able to share our knowledge of light, technology and trends to support our customers every step of the way. It is because of our people that we are able to do so, thanks to their passion, dedication and expertise built over many years. We're proud to say some have been with us in excess of 40 years!



ENHANCE CONNECTIVITY

We strive to offer a complete range of connected solutions allowing our customers to ensure the right light for people, places and the environment. Our range of IOT and connectivity solutions aim to maximise a project's energy savings potential whilst contributing directly to carbon reduction.



WE CARE



CHAMPION SUSTAINABILITY

Working towards a more sustainable way of life is a key priority for us all, which is why we're actively contributing to the protection of dark skies and reducing emissions through mindful light utilisation and control. We are part of the Science Based Targets initiative, aligning our goals with global sustainability standards. With our gold EcoVadis rating, placing us in the top 7 % of electric lighting equipment manufacturers, we want to partner with you on your sustainability aspiration by offering transparent ISO-accredited EPDs and circularity-focused products. Together, let's champion sustainability and create a brighter future for our planet.

APPLICATIONS

With a rich history spanning nearly a century, Thorn Lighting have a wealth of experience in bringing lighting projects to life. Our extensive understanding of light extends from roadways to stadiums, from food manufacturing plants to primary school classrooms. Our range of products and controls are designed to ensure that you have the optimal lighting solution for your lighting application.

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**WE KNOW
EDUCATION
AND HOW TO
CREATE LIGHT THAT
STIMULATES MINDS**



LOUGHBOROUGH UNIVERSITY, ENGLAND

We have extensive expertise in illuminating educational spaces and we pride ourselves on designing full solutions that enhance learning experiences across all age groups and learning environments. It's essential that the lighting across all areas such as classrooms, libraries, and outdoor areas foster concentration, positive mood, and strong productivity, thus aiding students in the learning process.

Thorn Lighting's commitment to creating vibrant and engaging educational spaces makes us the best choice for lighting, both inside and out.



connect.thornlighting.com/education



BROUGHTON PRIMARY SCHOOL, SCOTLAND

PRIMARY SCHOOLS

In primary school classrooms, crucial lighting considerations include uniform, glare-free illumination, adjustable lighting levels for various tasks whilst supporting natural light integration and energy efficiency for an environment conducive to learning. Cylindrical illumination is another consideration as younger learners rely on multiple learning surfaces as they grow and develop.

SECONDARY SCHOOLS

Within secondary schools the variety of classrooms change significantly. From a science lab to a technology workshop, a traditional classroom to a fully equipped sports hall. Lighting these spaces needs careful consideration as does the need to support learners' movement across the wider space. Additionally, we must also consider our need to reduce our carbon footprint.

UNIVERSITIES

In university settings, lighting considerations must align with the institution's and students' philosophy, emphasising adaptable, energy-efficient, and sustainable lighting solutions. Uniform, glare-free illumination and smart lighting controls are crucial, creating an environment that encourages innovation, collaboration, and academic excellence.

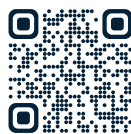


OFFICE

WE KNOW
OFFICES
AND HOW TO
CREATE LIGHT
THAT ENHANCES
INTERACTIONS



At Thorn, we believe that great lighting in offices is essential. Lighting workspaces should help to reduce eye strain and fatigue while enhancing employee focus. It also plays a pivotal role in creating a comfortable and inviting atmosphere, improving job satisfaction and retention rates. Additionally, energy-efficient lighting can lead to cost savings and environmental benefits. In summary, well-designed office lighting is an investment in both people and the bottom line, enhancing overall workplace performance.



connect.thornlighting.com/office



OFFICE

SELECT TRADE ASSOCIATION, MIDLOTHIAN, SCOTLAND

AMBIENT LIGHTING

Ambient lighting sets the overall tone of an office space. It should be even and glare-free, leading to a comfortable environment. The choice of fixtures and colour temperature affects the mood and ambiance. Variable ambient lighting generates a pleasant atmosphere, which can positively impact employee morale and creativity.

SUSTAINABLE LIGHTING

Sustainable and energy-efficient lighting is not only environmentally responsible but also cost-effective. LED lighting and smart lighting controls are great choices. They can significantly reduce energy consumption, resulting in long-term savings. An energy-efficient lighting system aligns with green initiatives and can enhance a company's reputation for corporate responsibility.

HUMAN LIGHTING

Incorporating technologies like Thorn's Variable Colour Temperature (VCT) into office lighting can significantly impact well-being. Ensuring your lighting functions with elements like daylight simulation, dynamic colour temperature changes, and a strong, uniform lighting design. It can boost employee mood, creativity, and connection to the environment, contributing to a more inviting and inspiring workspace.



**WE KNOW
HEALTH & CARE
AND HOW TO
CREATE LIGHT THAT
SUPPORTS CARE**





CLINIQUE DE LA MISERICORDIE, CAEN, FRANCE

Great lighting in hospitals is paramount for several reasons. We believe that light directly affects patient outcomes, as well-lit environments can reduce stress and aid in the healing process. We design solutions that support the work of healthcare professionals and help provide accurate diagnoses and treatments. Infection control is enhanced through well-designed lighting that supports intensive cleaning, thus improving overall safety. Moreover, appropriate lighting design in hospital spaces enhances comfort, reduces anxiety, and promotes a more positive healthcare experience for patients and staff alike.



connect.thornlighting.com/healthcare



DURABLE SOLUTIONS

Properly designed lighting can mitigate the risk of infections. Antimicrobial fixtures and effective cleaning strategies are essential. Lighting solutions that reduce shadowing and improve visibility support healthcare professionals in maintaining strict hygiene standards.

PATIENT WELL-BEING

Patient-focused lighting should prioritise comfort and healing. Soft, uniform lighting with adjustable levels helps reduce stress and anxiety, promoting a conducive environment for recovery. Controlling light appropriately can also significantly help in reducing the energy load of a hospital facility.

SUPPORTING MEDICAL STAFF

Lighting in healthcare facilities should cater to the needs of medical staff. Well-lit workspaces improve safety, reduce errors, and enhance the efficiency and well-being of healthcare professionals. Similarly, well illuminated building surrounds can help staff travel around the facility safely.

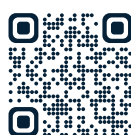


WE KNOW
RETAIL
AND HOW TO
CREATE LIGHT THAT
PROMOTES BRANDS





Incorporating robust, connected lighting systems in supermarkets isn't just about illumination, it's about creating an inviting and efficient shopping experience. Great lighting not only enhances product visibility and customer perception but also supports a more pleasant shopping journey. Moreover, with the integration of connected technology, stores gain invaluable insights into customer behaviour and energy optimisation, revolutionising the retail landscape for improved efficiency and customer satisfaction.



connect.thornlighting.com/retail



ENHANCING BRANDS

Adequate, uniform lighting helps to highlight products on shelves. Paired with IoT, it enhances customer experience, tracks movement, and optimises routes, supporting energy conservation and boosting your customer's basket value.

SUSTAINABLE LIGHTING

Supermarkets have large spaces that require significant lighting. Energy-efficient lighting solutions such as Contus and intelligent control can lead to substantial cost savings. Efficient lighting strategies help supermarkets reduce operational expenses and minimise their carbon footprint.

QUALITY OF LIGHT

Accurate colour rendering is vital for fresh food sections. High-quality lighting should reveal the true colours of fruits, vegetables, and meat, making them more appealing to customers. Choosing lighting with a high Colour Rendering Index (CRI) ensures products look vibrant and appetising, influencing purchase decisions.





WE KNOW
INDUSTRY
AND HOW TO
CREATE LIGHT
THAT ELEVATES
EFFICIENCY



BOOZT, SWEDEN

As Industry 5.0 powers forward, further focusing on productivity, sustainability and safety, Thorn Lighting stand at the forefront of what great lighting looks like. High-quality illumination is vital for efficient manufacturing processes, aiding in precision and quality control. Additionally, smart lighting systems integrated with Industry 5.0 technologies enable real-time data collection, real time locating systems and optimisation, enhancing operational efficiency. It also contributes to colleague health and safety, energy savings, supporting sustainability goals and reducing environmental impact in the rapidly evolving industrial landscape.



connect.thornlighting.com/industry



STABILIMENTO STEPRAVA, BRESCIA, ITALY

SUSTAINABILITY

Industrial lighting must prioritise sustainability to reduce energy consumption and environmental impact. Energy-efficient LED lighting and smart controls can minimise power usage while supporting eco-friendly goals, contributing to a greener industrial footprint.

TECHNOLOGY

Modern industrial lighting integrates with advanced technology, such as IoT and automation. Smart lighting systems enable realtime monitoring for health and safety and incident reporting, asset tracking, predictive maintenance, and adaptive lighting schemes, optimising efficiency and reducing operational costs.

SAFETY

Safety is paramount in industrial settings. Appropriate lighting ensures well-lit workspaces, minimising accidents and promoting a secure environment. Lighting systems should address potential hazards, provide emergency lighting, and meet safety compliance standards to protect workers and equipment.



**WE KNOW
SPORT
AND HOW TO
CREATE LIGHT
THAT CAPTURES
MOMENTS**





LEE VALLEY VELOPARK, LONDON, ENGLAND

Sports applications are broad and varied, whether professional or recreational, our solutions prioritise performance, safety, and the overall sporting experience. In professional sports, precise lighting levels and uniformity are crucial for player visibility and video broadcasting. For recreational sports, it enhances safety, enabling players to react effectively. High-quality lighting sets the stage for memorable events and contributes to the enjoyment of both athletes and spectators, creating a vibrant and memorable sporting atmosphere.



connect.thornlighting.com/sport



INTERCABLE ARENA, BRUNICO, ITALY

ILLUMINANCE AND UNIFORMITY

Professional sports require precise illuminance and uniformity to ensure players can track fast-moving objects. Recreational sports benefit from uniform lighting to avoid shadows and improve player safety, preventing accidents caused by uneven light distribution.

LIGHT SPILL

Managing light spill is critical. Professional sports venues need to minimise light spill to maintain optimal visibility on the field and reduce glare. In recreational sports, controlling light spill prevents unnecessary illumination outside the playing area, improving energy efficiency and minimising light pollution.

FLICKER FREE AND HIGH CRI

Flicker-free lighting is essential to avoid distractions or discomfort for athletes and spectators. High Colour Rendering Index (CRI) lighting accurately represents colours, particularly important for broadcast and making the game more engaging and visually appealing.



**WE KNOW
URBAN LIFE &
ARCHITECTURAL
AND HOW TO
CREATE LIGHT THAT
SHAPES IDENTITIES**





MÜRVIK NAVAL SCHOOL, GERMANY

Light has the power to transform how we see buildings and their surroundings, supporting orientation and wayfinding, adding interest to the everyday, and creating impactful experiences.

We offer a comprehensive choice of luminaires to bring building exteriors and surrounds to life, complementing architecture, providing definition and identity whilst approaching the application with dark sky sensitivity in mind.



connect.thornlighting.com/urban



DURHAM CATHEDRAL, ENGLAND

SAFETY FIRST

Safety comes first, and light is a key factor in making spaces safe to move around in the hours of darkness. It gives people a clear view of their surroundings and the way ahead, promoting a relaxed atmosphere. This sensation of safety is what gives people the confidence to get out into the city after dark and make the most of it. We're committed to providing solutions that do just that.

CREATING A NIGHT-TIME ECONOMY

No outdoor space has the same atmosphere by day as it does by night. Light helps to define and give identity to these spaces after dark whilst allowing facades, monuments and bridges to take on a new character after dark. Powerful, precise fittings and smart controls can reveal structures in ways they have never been seen before helping to increase foot traffic and supporting business, cultural events and entertainment opportunities. All whilst respecting the importance of dark skies thanks to our control solutions.

ENERGY SAVING

Lighting of the outdoor spaces can be compromised by a need to reduce energy costs. A by-product can result in poorly lit spaces that can be unsafe, reducing social inclusion and business opportunity. Our LED solutions strive to maximise efficiency by lighting what is needed only when needed and it's here that our connectivity solutions take front and centre stage.

**WE KNOW
TRANSPORTATION
AND HOW TO CREATE
LIGHT THAT
MOVES PEOPLE**







BERGEN AIRPORT, NORWAY

Thorn Lighting specialises in providing exceptional lighting solutions for transportation applications, catering to diverse needs in rail stations, airports, and ports. Our solutions prioritise efficiency and safety in rail stations, accessibility and orientation in airports, and durability and security in port areas. We are committed to enhancing the transportation experience while ensuring safety, energy efficiency, and resilience in challenging environments.



connect.thornlighting.com/transport



GATWICK AIRPORT, ENGLAND

EFFICIENCY AND SAFETY

Efficiency and safety are paramount when lighting rail stations. Energy-efficient, well-distributed lighting ensures clear visibility for passengers and staff, reducing the risk of accidents. Effective lighting also aids wayfinding, enhancing the overall commuter experience.

ACCESSIBILITY AND ORIENTATION

In airports, lighting should prioritise accessibility and orientation. Consistent, glare-free illumination helps passengers navigate terminals and boarding gates easily. Lighting integrated with digital signage enhances the passenger experience by providing real-time information, reducing stress during travel.

DURABILITY AND SECURITY

Port areas require lighting solutions that are durable and secure. Rugged, weather-resistant fixtures withstand harsh maritime conditions, ensuring continuous operations. Adequate lighting also enhances security, deterring intruders and preventing accidents, critical for smooth port operations and the safety of goods and personnel.



**WE KNOW
TUNNELS
AND HOW TO
CREATE LIGHT
THAT DRIVES
FORWARD**



KJØRHOLT, NORWAY

At Thorn Lighting, we take pride in illuminating critical and complex sections of a road network including tunnels. Our lighting solutions are designed to boost driver alertness, reduce visual illusions, and enable quick hazard response. Every tunnel is unique, and our robust lighting design prioritises traffic safety, aids sign and signal identification, and contributes to congestion reduction. With almost 100 years' experience in the industry, we've helped bring many exceptional tunnel projects to life, and therefore, understand the complex infrastructure requirements they bring.



connect.thornlighting.com/tunnels

TUNNELS



VISUAL COMFORT

The importance of good lighting at the approach and entrance of a tunnel cannot be overstated. It serves as a critical safety measure, ensuring drivers can clearly see the transition from daylight to the darker tunnel environment. Proper lighting enhances visibility, reduces the risk of accidents, and allows drivers to adapt to changing road conditions. Well-lit approaches and entrances also provide psychological reassurance, promoting a sense of confidence and comfort as drivers enter the tunnel, ultimately contributing to safer and more efficient transportation systems.

EMERGENCY LIGHTING SOLUTIONS

Tunnel emergency exit lighting is crucial for occupant safety during emergencies. It guides people to exits, evacuation routes, and safety equipment in power outages or fires. Compliance with safety standards, backup power, and regular maintenance ensures functionality. Prioritising these systems enhances emergency preparedness, safeguards lives, and minimises risks, reinforcing the safety of tunnel occupants.

SAFE TRANSITIONS

Great lighting while exiting a tunnel holds immense importance for driver safety and smooth transition. As drivers emerge from the enclosed space, well-designed lighting helps their eyes adjust to the changing brightness levels, preventing temporary blindness or visual disorientation. Adequate illumination ensures clear visibility of the roadway ahead, surrounding environment, and potential hazards. It also facilitates the identification of signs, lane markings, and nearby vehicles, enabling drivers to make timely and accurate decisions, promoting a seamless and secure transition from the tunnel to the open road.

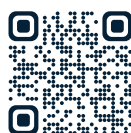


**WE KNOW
ROADS & STREETS
AND HOW TO
CREATE LIGHT
THAT SAFELY GUIDES**





Thorn Lighting is dedicated to providing exceptional lighting solutions for road and street applications. We understand the critical role of light in ensuring visibility, safety, and accessibility in urban and suburban environments. Our innovative LED fixtures and smart lighting systems effectively balance energy efficiency with the control of light pollution. We're committed to creating well-lit, sustainable, and environmentally conscious spaces.





VISIBILITY AND SAFETY

Visibility and safety are paramount when lighting roads and streets. Proper illumination ensures that drivers, cyclists, and pedestrians can see clearly, reducing the risk of accidents and enhancing overall road safety.

SUSTAINABILITY

Efficiency and sustainability are key considerations in road and street lighting. LED fixtures and smart lighting systems provide energy-efficient solutions, reducing power consumption and environmental impact while ensuring well-lit and safe environments.

PROTECTING THE NIGHT SKY

Controlling light pollution is crucial for preserving the night sky and reducing unnecessary energy consumption. Shielded and directional lighting fixtures, along with well-designed luminaire placements, help limit light spillage and glare, protecting the natural environment and human health.

INDOOR PRODUCTS

From refurbishment to new build, light for learners to warehouse operatives, at Thorn, we believe in providing great lighting. Whether that's to reduce learner eye strain and fatigue or to enhance employee focus. As the current challenges of rising energy costs continue to intensify, alongside the increasing importance of thinking sustainability first, our indoor solutions have efficiency and performance at their core. This contributes to tangible cost savings and environmental benefits. In summary? We make light work, for people, places and the environment.

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RECESSED MODULAR

Recessed modular luminaires are typically found in offices of all sizes, as well as in educational environments. Commonly known as LED panels, they are ideal for these spaces as they provide high quality, low-glare light with a long-lifetime and good colour rendering. They help to facilitate a wide diversity of tasks including desk-based computer work, textbook learning and research, to reading from and writing onto whiteboards and interactive screens, video conferencing and face to face meetings.



Office



Education



Data centres



Ancillary spaces



Circulation areas
and corridors

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OMEGA PRO 2

COMFORT, CUSTOMISATION AND A WORLD OF CONNECTIVITY

Thorn's Omega Pro 2 LED panel range offers a unique combination of comfort and connectivity. It's ready for any type of installation in office and education settings: recessed, surface-mounted or suspended. Omega Pro 2 also comes with the option of innovative optics to give your installation a dynamic edge, and interchangeable modules for additional functionality.



thornlighting.com/omp2

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC),
basicDIM Bluetooth® Wireless with PIR
sensor (PIRBC), Microwave Presence
Sensor (MWS), Standalone PIR and
Daylight dual sensor (HFSX),
PIR sensor for LITECOM (SENS)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D),
Central battery system (ECD)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

600 x 600 mm
625 x 625 mm
300 x 1200 mm
312 x 1250 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessories
for concealed grid, plasterboard
and hidden ceilings and surface
mounting and wire suspension

FEATURES



3000 lm, 3800 lm, 4400 lm



Up to 140 lm/W



3000 K, 4000 K, 6500 K,
VCT (2700 K to 6500 K)



Up to L90 50 000 h at 25 °C



CRI 80, 90



Three optics available



OMEGA PRO 2 MINI

COMPLEMENTARY OFFICE LIGHTING SOLUTION

A low-profile, versatile edge-lit LED panel for lay-in modular and plasterboard ceilings. With its compact size of only 300 x 300 mm, the Omega Pro 2 Mini offers a stylish addition to any ceiling. Available with a choice of two optics designed for best performance in corridors and circulation areas or open-plan offices and assembly spaces. Both colour temperature luminaires are available with high colour rendering chipsets of CRI > 90.



thornlighting.com/op2m

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC)

EMERGENCY

Manual test (E3)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

300 mm x 300 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Pre-equipped with loaded springs
for plasterboard ceilings
Additional mounting accessory
for surface mounting

FEATURES



900 lm, 1800 lm



Up to 98 lm/W



3000 K, 4000 K



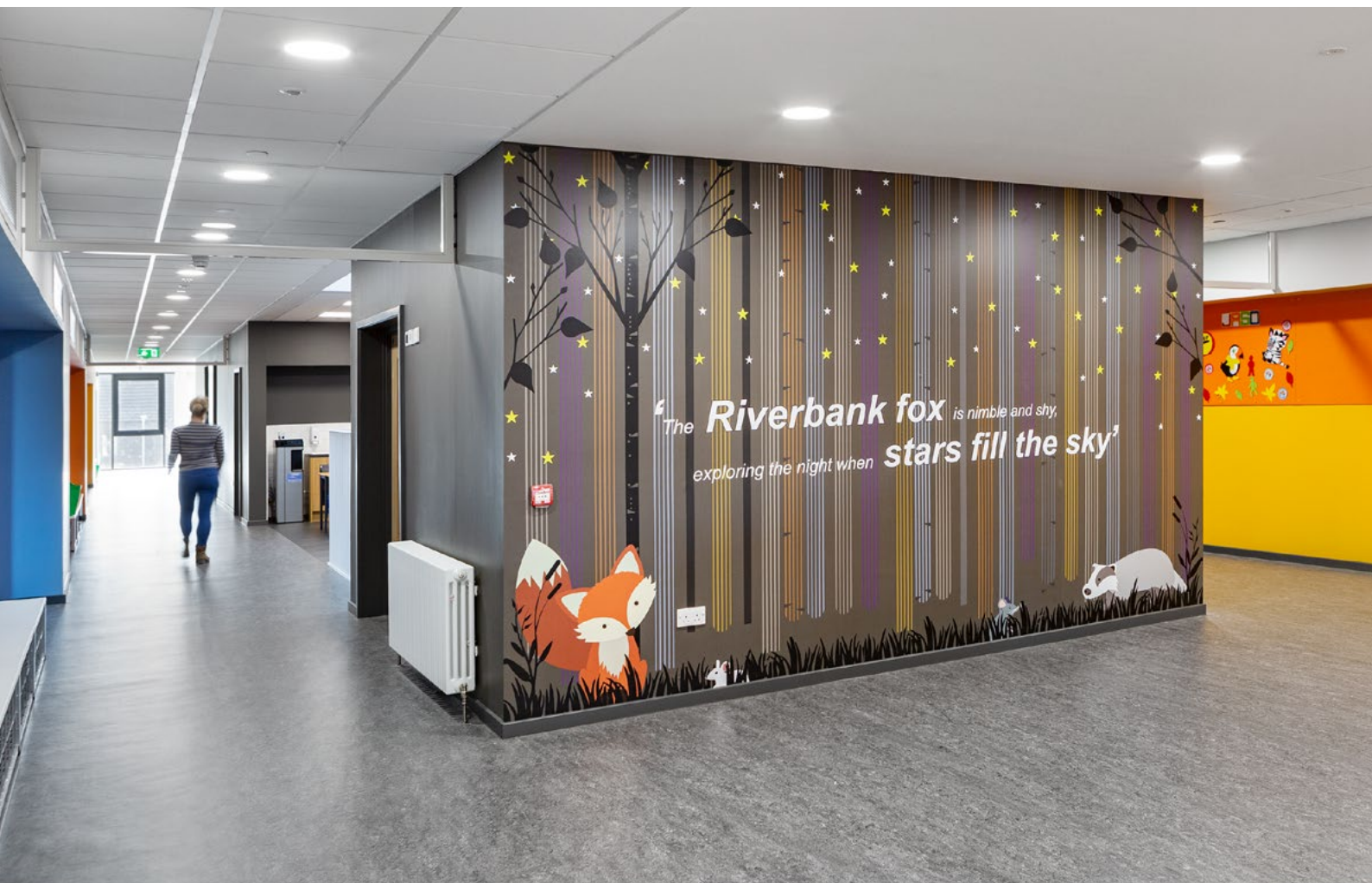
L90 50 000 h at 25 °C



CRI 90



Two optics available



OMEGA CIRCULAR

FREEDOM TO CHANGE THE GEOMETRY OF THE SPACE

The Omega Circular is an extension to the Omega LED panel family. Available in a choice of a 300 mm, 400 mm and 500 mm diameter, this versatile circular luminaire with its PMMA opal diffuser can replace a 600 x 600 mm panel in a variety of spaces such as an office or school. Easy installation is offered with a simple twist and lock mechanism.



thornlighting.com/omgc

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX)

EMERGENCY

Manual test (E3)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

Three diameters available
ø300 mm, ø400 mm, ø500 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessory
for wire suspension

FEATURES



1500 lm, 2800 lm, 3200 lm



Up to 80 lm/W



3000 K, 4000 K



L70 50 000 h at 25 °C



CRI 80

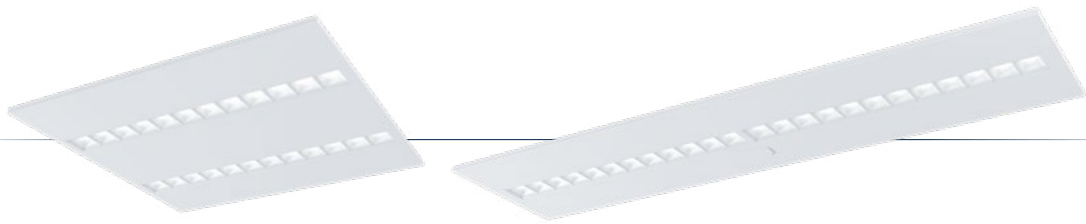


OMEGA MODULE

SUSTAINABLE, UPGRADEABLE RECESSED PANEL

Omega Moduline is a stylish recessed cellular panel designed for today's demanding world.

One that requires not only high-performance lighting, but sustainable and upgradable luminaires that are easy to install. Omega Moduline comprises of two replaceable linear LED modules, each containing 12 cells with primary lens optics. A choice of colour temperature is offered; 3000 K, 4000 K or Variable Colour Temperature (2700 K to 6500 K).



thornlighting.com/omgm

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth Wireless (BC),
basicDIM Bluetooth Wireless
with PIR Sensor (PIRBC),
Microwave Presence Sensor
(MWS), Standalone PIR and
Daylight dual sensor (HFSX), PIR
Sensor for LITECOM (SENS)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

600 x 600 mm
625 x 625 mm
675 x 675 mm
300 x 1200 mm
312 x 1250 mm
300 x 1350 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessories
for concealed grid, plasterboard
and hidden ceilings and surface
mounting and wire suspension

FEATURES



3300 lm, 4100 lm, 4800 lm



Up to 153 lm/W



3000 K, 4000 K,
VCT (2700 K to 6500 K)



L90 50 000 h at 25 °C (CRI 80 3000 K,
4000 K) L85 50 000 h at 25 °C (CRI 90
3000 K, 4000 K) and VCT (2700 to 6500 K)



CRI 80, 90



Replaceable LED modules



IQ WAVE

COMFORT WITHOUT COMPROMISE

Lighting which is too dim, too bright, poorly distributed or flickering can cause health problems including eyestrain, headaches, dry eyes and blurred vision. Today's schools and offices are filled with glossy devices, connected via video conferencing and operational for increasingly long hours. Taking these characteristics into consideration along with natural daylight, IQ Wave offers advanced glare and lighting control for comfort and productivity.



thornlighting.com/iqwv

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC),
Microwave Presence Sensor
(MWS), Standalone PIR and
Daylight dual sensor (HFSX)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

600 x 600 mm
625 x 625 mm
Linear surface and suspended
versions also available

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessory for
concealed grid and plasterboard ceilings

FEATURES



3100 lm, 4100 lm



Up to 107 lm/W



3000 K, 4000 K



L90 50 000 h at 25 °C



CRI 80



Excellent glare control with good
visual comfort



IQ BEAM

BRIGHTLY BALANCED CEILING LIGHT

IQ Beam cuts an excellent figure in virtually any setting. Combining intelligent design features with a variety of optics, the recessed ceiling luminaire is a brilliant enhancement for wide-ranging refurbishment projects – from office environments to data centres. Moreover, IQ Beam is simple and easy to work with. As a direct replacement for standard 600 x 600 and 625 x 625 mm recessed ceiling luminaires, it enables both pull-up and lay-in mounting for tremendous installation flexibility.

Opal (OPC) version
for high visual comfort



Minicell (MC) version
the alternative reflector



Microprismatic (MPT)
the highest efficacy



Microprismatic with micro diffuser foil (MPT-F) version for a uniform appearance



thornlighting.com/iqbm

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
standalone PIR and Daylight
dual sensor (HFSX), PIR sensor
for LITECOM (SENS)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Office, education, corridors, circulation
areas, ancillary spaces and data centres

SIZES

600 x 600 mm
625 x 625 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessories
for concealed grid and plasterboard
ceilings and surface mounting

FEATURES



3000 lm, 3800 lm, 4300 lm,
6300 lm (HT)



Up to 140 lm/W (MPT)



3000 K, 4000 K



L90 50 000 h at 25 °C



CRI 80, 90



High temperature (HT) version
available (50 °C)



BETA 3

FLEXIBLE, EFFICIENT, DEPENDABLE

Flexibility and light quality are the combined strengths of the Beta recessed panel. Being square or rectangular, the form fits multiple ceiling dimension, it can be used on different ceiling types (lay-in, plasterboard) and it can be surface mounted or suspended. With a colour rendering index (CRI) of 80+ and a unified glare rating (UGR) of < 19 across all versions, Beta delivers excellent light quality for all indoor workplace lighting requirements.



thornlighting.com/bet3

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC),
Corridor function (COZ, COR)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

600 x 600 mm
625 x 625 mm
300 x 1200 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessories
for plasterboard ceilings, surface
mounting and wire suspension

FEATURES



3200 lm, 4100 lm, 4800 lm



Up to 123 lm/W



3000 K, 4000 K



L80 50 000 h at 25 °C



CRI 80, 90



BETA CELL

DISTINCTIVE CELLULAR DESIGN WITH EXCELLENT GLARE CONTROL

Thorn's Beta Cell is a stylish recessed LED panel with a cellular construction, designed for quick and easy installation. Beta Cell comprises of 36 cells in a 6 x 6 layout. A choice of 3000 K and 4000 K colour temperatures are offered with an efficacy of up to 133 lm/W and a durable 50 000-hour lifetime. Those working in areas including offices and educational establishments will benefit from the carefully controlled glare levels in both the 3400 lm (UGR < 16) and 4100 lm (UGR < 19) luminaires.



thornlighting.com/beck

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX)

AREAS

Office, education, corridors, circulation
areas and ancillary spaces

SIZES

600 x 600 mm
625 x 625 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessories
for plasterboard ceilings, surface
mounting and wire suspension

FEATURES



3400 lm, 4100 lm



Up to 133 lm/W



3000 K, 4000 K



L80 50 000 h at 25 °C



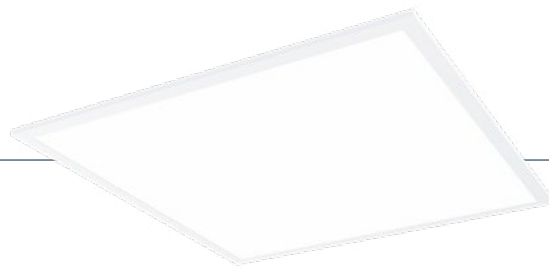
CRI 80, 90



BETA FORCE

IP65/20 RECESSED PANEL WITH CCT SWITCH

Where a higher degree of protection is required, Beta Force is the ideal recessed LED panel. On installation, choose from colour temperatures of 3000 K / 3500 K / 4000 K using the in-line switch to best suit the room. The panel is extremely durable and great for both wet and dry areas thanks to its resistance to moisture, water, dust and dirt (IP65 front, IP20 back).



thornlighting.com/betf

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC)

AREAS

Education, Healthcare (non-critical)
and Office

SIZES

600 x 600 mm
300 x 1200 mm

MOUNTING OPTIONS

Recessed lay-in ceilings
Additional mounting accessories
for plasterboard ceilings

FEATURES



3500 lm, 4100 lm, 6000 lm



Up to 145 lm/W



3000 K / 3500 K / 4000 K (Switchable
colour temperature by an in-line switch)



L80 100 000 h at 25 °C



CRI 80, 90

DOWNLIGHTS

Downlights are one of the most widely installed type of luminaires, as they are useful in nearly all indoor application areas.

With a recycled aluminium heatsink and the ability to replace not only the driver but the LED light engine itself, Chalice is Thorn's high-performance downlight developed with circular design. With multiple sizes and finishes, high efficiency and ingress protection as standard, Chalice can meet a breadth of demanding downlight needs.

Cetus downlights have a wide bezel rim, making them ideal for refurbishment projects, as they can maintain a neat finish in the ceiling, with no visible markings or holes. Flexibility is provided through variants featuring Lumen Colour Select, which allows the installer to select from a number of different colour temperatures and lumen outputs.



Office



Education



Hospitality



Healthcare

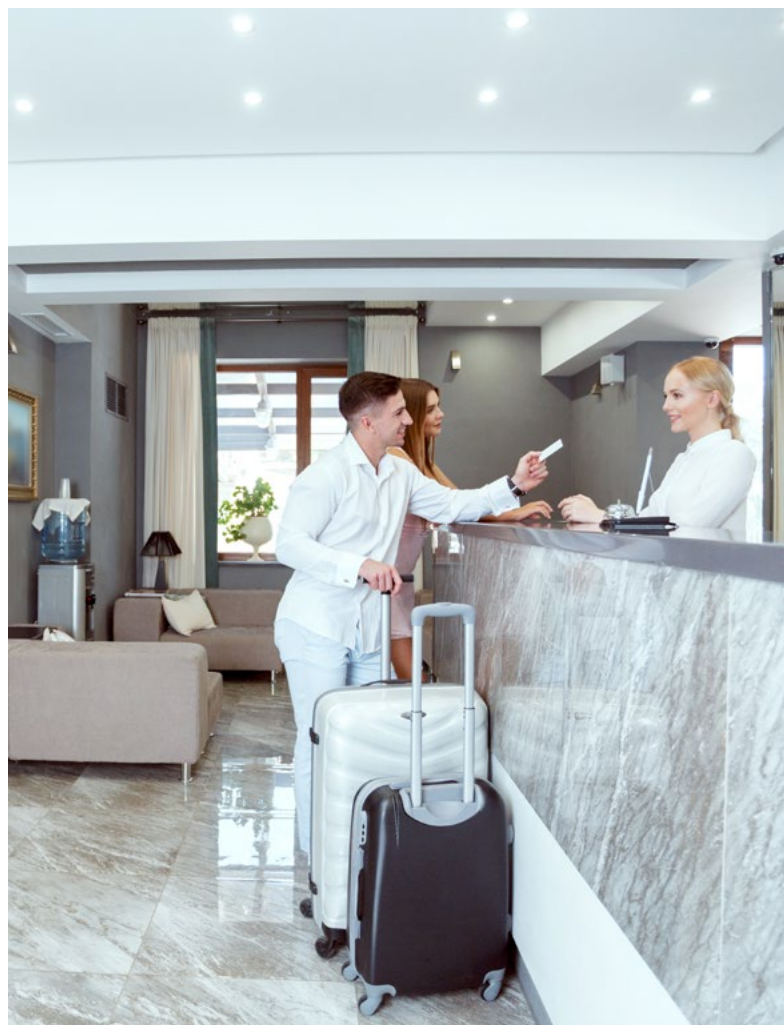


Corridors



Ancillary spaces

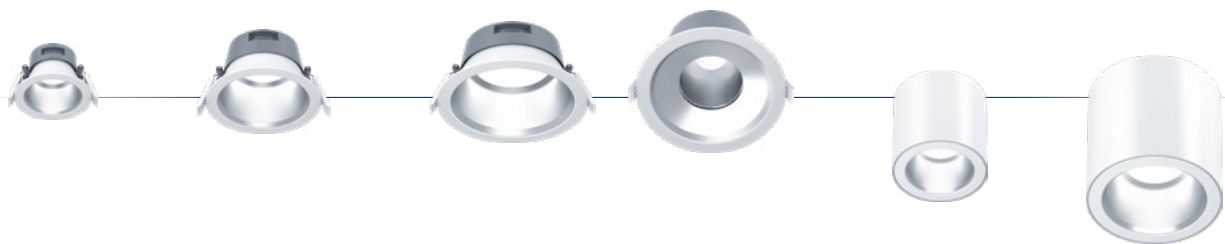
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CHALICE

EFFICIENT AND DURABLE FOR MULTIPLE APPLICATIONS

Designed and manufactured in Germany, Chalice downlights are available in three cut-out sizes, multiple lumen packages, and a choice of three reflector finishes. The core Chalice range has an impressive IP54 ingress protection from water, dust and dirt as standard with an optional ultrasonically welded polycarbonate cover that extends protection up to IP65.



thornlighting.com/chl3

CONTROLS

Fixed output (HF),
Fixed output with DC functionality (EHF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Office, education, hospitality and
residential, corridors and staircases

SIZES

Small 100 mm cut-out,
Medium 150 mm cut-out,
Large and High-Ceiling 200 mm cut-out,
Surface-Mounted (MSF) 125 mm
and 180 mm radius

MOUNTING OPTIONS

Recessed, Surface

FEATURES



800 lm, 1400 lm, 2000 lm,
3000 lm



Up to 155 lm/W



3000 K, 4000 K



L90 50 000 h at 25 °C



IP54/IP65 from below



Satinbrite (RSB), Mirrorbrite
(RMB), White (RWH)



UGR < 19 (RMB), < 22



CHALICE 74

COMPACT AND CUSTOMISABLE FIRE RATED DOWNLIGHT

Chalice 74 is Thorn's most compact downlight, ideal for installation in bathrooms, toilets and kitchens, thanks to 30, 60 and 90 minute ceiling fire rating certification and IP65 protection from dust and moisture-ingress as standard.

Customisation can be carried out on-site thanks to an exchangeable lens and bezel.

Simple, tool-free installation is possible utilising the detachable connector.



thornlighting.com/ch74

CONTROLS

Fixed output (HF)

AREAS

Office, education, healthcare and hospitality

SIZES

Compact body with a height < 100 mm across range and a cut out of 74 – 80 mm

MOUNTING OPTIONS

Recessed

FEATURES



550 lm, 900 lm



Up to 101lm/W



3000 K, 4000 K



L70 50 000 h at 25 °C



IP65 from below



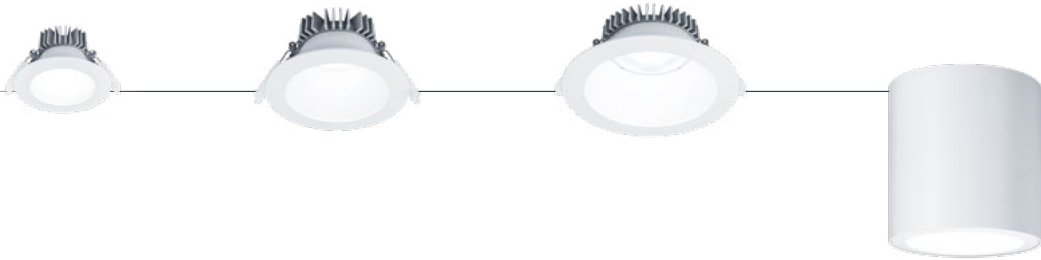
Bezel finishes: White (Gloss, Matt), Black (Matt), Chrome, Brushed Aluminium



CETUS

FLEXIBLE SIMPLICITY FOR REFURBISHMENT

The Cetus downlight range is easy to install, modify, and tailor to your needs, making it perfect for new installations and refurbishment projects. With the Lumen Colour Select (LCS) feature, whatever the space is used for, the lumen output and the colour temperature can be selected after the luminaire has been installed, with just an easy click.



thornlighting.com/ctu3

CONTROLS

Fixed output (HF),
Fixed output with DC functionality (EHF),
DALI dimmable (HFIX),
Corridor function (COR), basicDIM
Bluetooth® Wireless (BC)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Office, education, healthcare
and hospitality

SIZES

Small 95 – 125 mm cut-outs,
Medium 145 – 180 mm cut-outs,
Large 190 – 230 mm cut-outs,
Surface-mounted (MSF) 180 mm high

MOUNTING OPTIONS

Recessed, Surface

FEATURES

-  800 lm, 1500 lm, 2000 lm, 3400 lm
-  Up to 140 lm/W
-  3000 K, 3500 K,
4000 K, manual VCT
-  L80 50 000 h at 25 °C
-  UGR < 19 (adapter), < 22, < 28
-  IP44/IP54 (cover) from below

SPOTLIGHTS

Spotlights are a key part of the lighting toolbox for retailers as well as the hospitality and entertainment markets. Graffiti and Tonic spotlights ensure the following criteria is met – they must enhance the look of items on display while maintaining comfort for customers and the workforce alike. As retail displays are constantly evolving, our spotlights are easy to install and quick to reposition. High colour rendering LEDs ensure merchandise appears vibrant.

Graffiti delivers excellent optical precision with clean and precise beams, high homogeneity and a control of glare and spill light. Compatibility with industry standard 3-phase track is assured, as is support for our Contus track platform.

The Tonic range features interchangeable optics to allow for multiple wide and narrow beam angles, ensuring a retailer has a 3-phase track spotlight that can adapt to different seasonal needs and changing store concepts. Flexibility is further enhanced by the possibility of specifying Tonic in medium, small and extra small formats, to provide appropriate lumen levels and deliver discreet accent lighting, where required.



Retail



Hospitality



Entertainment



Hotels



Office



Education

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**SUPER
SAVER**

Fruit & Vegetables
Ready meals
Salad

1

Fruit & Vegetables
Meat & fish
Ready to cook pies

Salad

**PRICES
TO HELP**

**PRICES
TO HELP YOU**

GRAFFITI

HIGH-PERFORMANCE, PRECISION OPTICS AND INTEGRATED DRIVER

Graffiti features a sleek, minimalistic body with integrated driver, adaptable mounting options and offers quick installation and repositioning. Available in various lumen packages, colour temperatures, and beam angles with high colour rendering, Graffiti spotlights reduce glare and come with optional accessories for additional glare reduction and protection. With a long lifetime and efficient LED engine, they are suitable for both refurbishment and new building projects. Graffiti is produced in Germany with a focus on sustainability, using recycled aluminium and circular design principles that allow for component upgrades and maintenance.



thornlighting.com/graf

CONTROLS

Fixed output (HF)

AREAS

Retail, hospitality, entertainment, hotels, office, education

MOUNTING OPTIONS

3-phase track and Contus track

ACCESSORIES

Honeycomb louvre, protection glass

FEATURES



2800 lm, 3600 lm



Up to 130 lm/W



3000 K, 4000 K



L70 50 000 h at 25 °C



White, Black



TONIC

THE FLEXIBLE SPOTLIGHT AND ANSWER TO MODERN RETAIL NEEDS

Tonic features a low-glare, recessed LED engine that delivers high colour rendering in a slim and compact body. Interchangeable reflectors for multiple wide and narrow beam angles result in a spotlight that can rapidly adapt to different seasonal needs; ideal for fashion and grocery applications. Flexibility is further enhanced by the option to specify Tonic in medium, small and extra small formats, providing appropriate lumen levels and delivering discreet accent lighting where required. A simplified design with recyclable, switchable components offers easy maintenance and supports an extended lifetime.



thornlighting.com/ton2

CONTROLS

Fixed output (HF)

AREAS

Retail: lifestyle, grocery, fashion, homewares, DIY, automotive

MOUNTING OPTIONS

3-phase track

ACCESSORIES

Honeycomb louvre, protection glass

FEATURES



1500 lm, 1700 lm, 2800 lm, 3650 lm



> 120 lm/W



3000 K, 4000 K



L80 50 000 h at 25 °C



White, Black



Compatible with common 3-phase track

SURFACE AND SUSPENDED

Our comprehensive choice of linear luminaires are designed to be surface-mounted or suspended. They are typically installed in a variety of office and education applications. Thorn have developed several engineering performance attributes such as integrated sound absorbing material and curved prismatic diffusers. These features all contribute to the goal of providing the best environment for learning and working, with soft, glare-free lighting for faces and spaces.



Office



Education



Healthcare



Corridors



Ancillary spaces

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IQ WAVE SURFACE AND SUSPENDED

LIGHTING FOR THE TASK, SPACE AND FACE

Designed by Thorn's expert optical team, IQ Wave features our unique MV-Tech light optic. The M represents the shape of the light, emitted upwards from the central optic, and bouncing back down and through the diffuser to create great task lighting. The V represents the light which has been widely dispersed outwards from the centre to create a soft lit appearance and great lighting for faces and spaces.



thornlighting.com/iqsu

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
DALI dimmable with presence
and daylight detection (HFSX),
Microwave detection (MWS)
basicDIM Bluetooth® Wireless (BC)

EMERGENCY

Manual test (E3),
Addressable self-test (E3TX)

AREAS

Education and office

SIZES

203 x 1440 x 68 mm

MOUNTING OPTIONS

Surface, Suspended,
Contus track mounted

FEATURES



2600 lm, 4250 lm, 4900 lm,
6700 lm



Up to 121 lm/W



3000 K, 4000 K



L90 50 000 h at 25 °C



UGR < 19



COLLEGE 2

BACK TO THE TOP OF THE CLASS

College 2 has been completely reimagined to meet the evolving demands of modern educational spaces. The Quad Linear prismatic diffuser delivers a carefully controlled output, including 14 % upward light creating a soft pool to the sides above the luminaire. College 2 provides low-glare, diffused lighting with excellent colour rendering – perfect for focused learning environments, ideal for offices and meeting rooms, and supportive in health and care settings.



thornlighting.com/clg2

CONTROLS

Fixed Output (HF)
DALI-2 dimmable (HFIX)
Passive Infrared sensor (PIR)
Passive Infrared sensor with DALI (PIRDA)
Passive Infrared standalone/master (PIRILD)
basicDIM Bluetooth® Wireless with
PIR sensor and DALI (PIRDBC)
basicDIM Bluetooth® Wireless
with PIR sensor (PIRBC)
basicDIM Bluetooth® Wireless (BC)

EMERGENCY

3hr manual test, LiFePO₄ (E3)
3hr addressable/self-test
LiFePO₄ (E3D, E3DUK)
Central battery emergency compatible
with HFIX variants (EC)

AREAS

Education, office and healthcare

SIZES

195 x 1242 x 82 mm
195 x 1542 x 82 mm

MOUNTING OPTIONS

Surface, Suspended, BESA, Contus track
mounted. Continuous row connections
possible with optional accessory when
surface mounted or suspended

FEATURES



1200 mm: 3000 lm, 4300 lm,
1500 mm: 3000 lm, 4600 lm, 6500 lm



Up to 145 lm/W (CRI 80 at 4000 K)



3000 K, 4000 K



L80 100 000 h at 25 °C



CRI 80, 90



IP44 (IP40 with sensors)



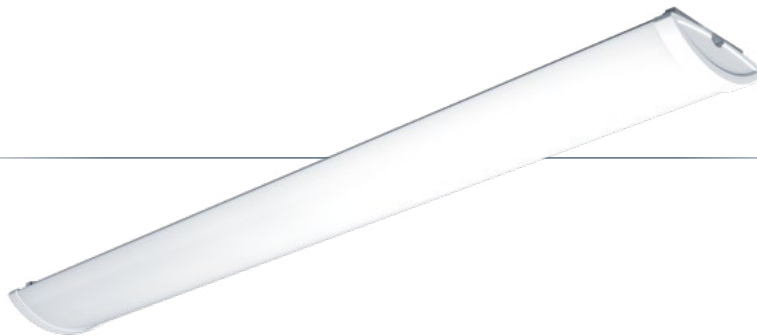
UGR < 19 (< 22 at 6500 lm)



PRISMA

DEPENDABLE DIFFUSED LIGHT

Designed for surface mounting, Prisma is a robust and IP44 sealed linear luminaire suitable for applications including canteens, kitchens, laundry rooms and garages. A curved, frosted prismatic diffuser provides a wide light distribution and reduced glare for good visual comfort. Available in two lengths (600 mm, 1200 mm), with through wiring variants available.



thornlighting.com/prsm

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
Microwave sensor (MWS)

AREAS

Parking garages, general
circulation, ancillary spaces

SIZES

166 x 1200 x 64 mm
166 x 600 x 64 mm

MOUNTING OPTIONS

Surface mounted

FEATURES



3000 lm, 4400 lm, 6200 lm



Up to 120 lm/W



3000 K, 4000 K



L85 50 000 h at 25 °C



IP44



DIFFUSALUX

BATTEN REFURBISHMENT MADE SIMPLE

Diffusalux is designed to work as a direct replacement for conventional battens. Its wide body design makes it ideal for refurbishment projects – with no need for paint to be touched up after installation.

The luminaire's curved opal diffuser is made from tough polycarbonate and provides quality light control. The internal diffuser features a distinctive ridged pattern that ensures soft, uniform illumination. Diffusalux is a robust fitting, sealed to IP40 and with lockable polycarbonate end caps.



thornlighting.com/dfx3

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
Presence detection (MWS)

EMERGENCY

Manual test (E3)

AREAS

Ideal for corridors and staircases,
back of house, ancillary spaces

SIZES

200 x 1480 x 82 mm

MOUNTING OPTIONS

Surface mounted

FEATURES



Variable lumen output (switchable)
HF: 3050 lm, 4750 lm, 6300 lm
HFIX: 3250 lm, 5500 lm



Up to 124 lm/W



4000 K



L70 50 000 h at 25 °C



UGR < 22



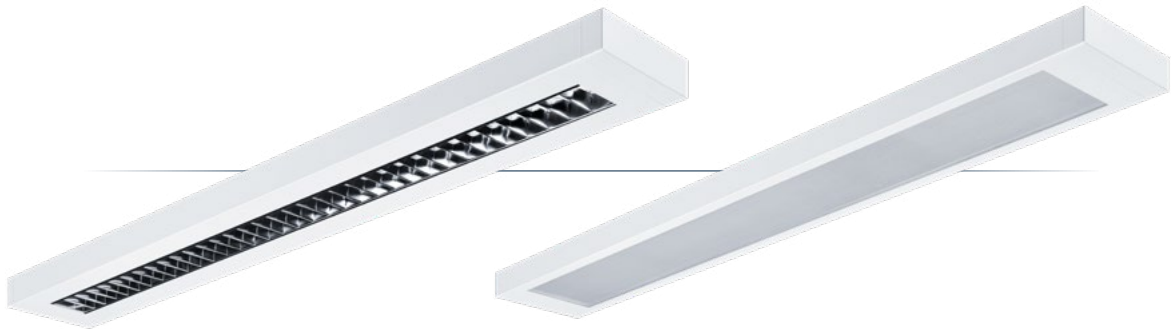
IP40



PUNCH

PURE VALUE IN A CLASSIC DESIGN

Punch offers genuine value for new as well as for wide-ranging refurbishment projects – beginning with its light distribution options. Its direct light, which can also be combined with indirect light, creates a comfortable atmosphere with excellent glare control. Punch can also provide asymmetric distribution for wall washing effects, for example, for classroom blackboards.



thornlighting.com/pnc3

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Education and office

SIZES

125 x 1120 x 64 mm
125 x 1400 x 64 mm

MOUNTING OPTIONS

Surface, Suspended

FEATURES



Direct, Direct/Indirect & Asymmetric
2200 lm to 6600 lm



Up to 142 lm/W



3000 K, 4000 K



L80 70 000 h at 25 °C



UGR < 16 (D/I), UGR < 19 (D)



ARENA SYMPHONY

INNOVATIVE SOUND ABSORBING LUMINAIRE

Using sound absorbing panels and high-performance LEDs, Arena Symphony creates quieter, brighter and more comfortable environments to improve communication and maximise learning and productivity.



thornlighting.com/arns

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
Presence and daylight detection (HFSX)

EMERGENCY

Manual test (E3),
Addressable self-test (E3TX)

AREAS

Education and office

SIZES

850 x 2200 x 135 mm

MOUNTING OPTIONS

Suspended

FEATURES



4900 lm, 5200 lm, 6300 lm,
6500 lm



Up to 128 lm/W



4000 K



L80 50 000 h at 25 °C



Can ensure compliance
with BB93 and DIN18041

WALL, CEILING AND PENDANT MOUNTED

Typically installed over a retail counter to highlight produce and entice a purchase, and often to also light the general retail area, pendant luminaires can help create a relaxing atmosphere, where people will want to stay, spending their time and money.

Lighting of walls, corridors and staircases are important for ease of navigation around a building, as well as for safety and security. Breakout zones in office and education spaces are becoming more commonplace and also require comfortable lighting options. For both of these applications, Thorn has a durable luminaire ideal for the task.

In a healthcare environment, our specialist bedhead luminaire provides gentle lighting for the patient, as well as clarity for patient observation by a medical professional.



Breakout spaces



Circulation areas
and corridors



Education



Hospitality
and Leisure



Industry



Office



Residential



Retail



Healthcare



Staircases

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WALL, CEILING AND PENDANT MOUNTED

NOVALINE STYLE

COMBINING CONTEMPORARY LOOKS AND VERSATILITY

Novaline Style is a versatile, elegant luminaire with applications for various settings. It offers soft front lighting and subtle 10 % backlight, suitable for wall or ceiling mounting, as well as suspended installations.

Designed for both high-traffic and social areas, it seamlessly integrates into its surroundings, providing efficient illumination. Its IP54 water splash-resistance allows use in covered external walkways.

With customisable controls and wireless commissioning, Novaline Style adapts easily to diverse environments, making it a great choice for offices, education, healthcare, retail, hospitality, and residential spaces.



thornlighting.com/novs

CONTROLS

Fixed output (HF),
DALI dimmable (HFI),
basicDIM Bluetooth® Wireless (BC),
Microwave sensor (MWS),
Corridor function (COR, COZ)

EMERGENCY

Manual test (E3),
Addressable self-test (E3D)

AREAS

Staircases, walkways, corridors,
circulation areas, breakout spaces

SIZES

Small 320 mm
Medium 400 mm
Large 500 mm

MOUNTING OPTIONS

Wall mounted, Ceiling mounted,
Rod pendant, Wire pendant

FEATURES



1400 lm, 1900 lm, 2500 lm,
3500 lm, 4000 lm, 5000 lm



> 133 lm/W



3000 K, 4000 K



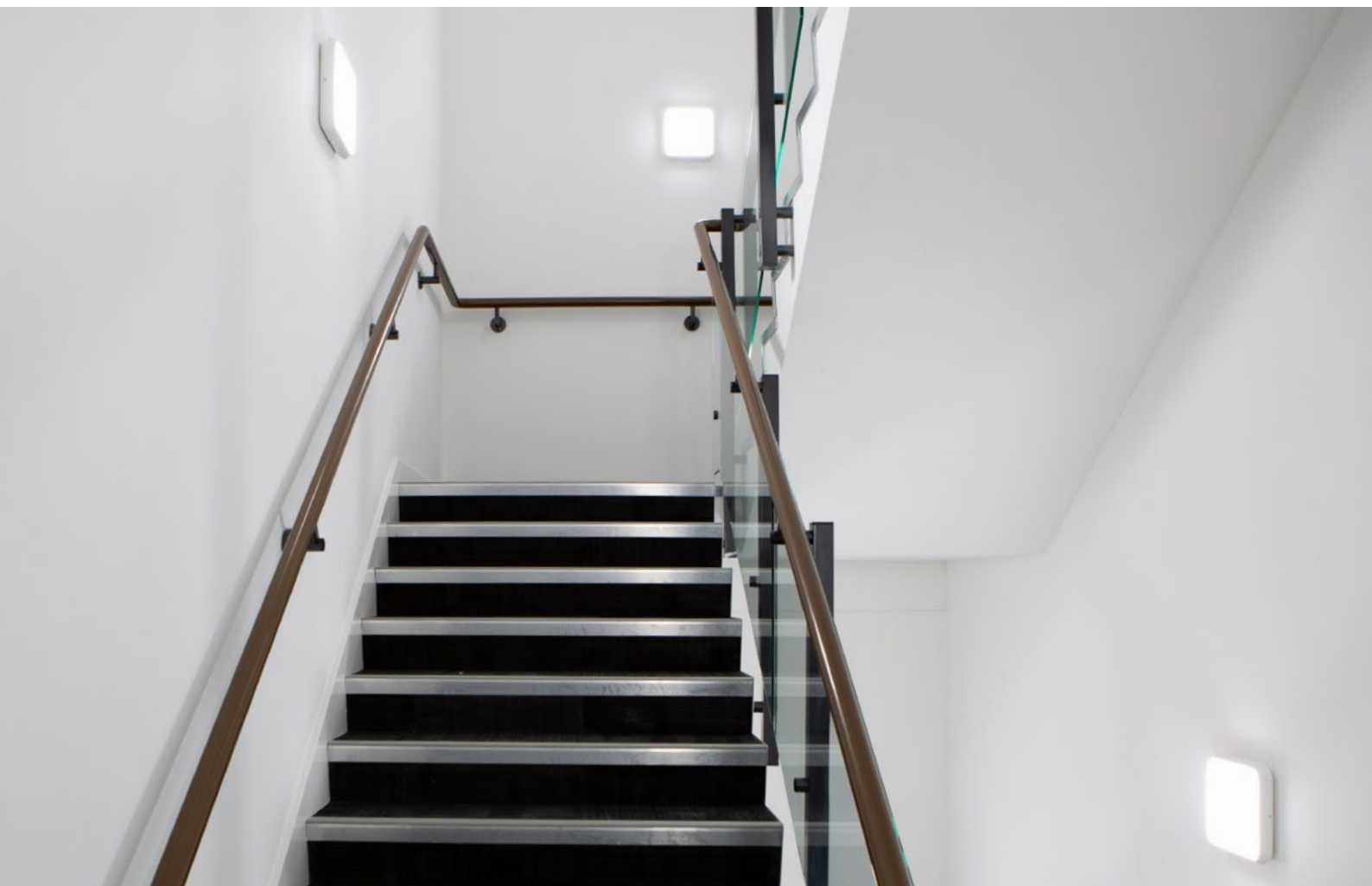
L80 50 000 h at 25 °C



IP54



White, Black, Silver

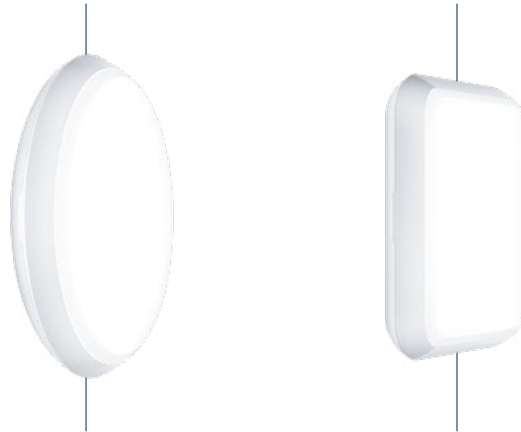


WALL, CEILING AND PENDANT MOUNTED

KATONA

THE FIT-ANYWHERE WALL LUMINAIRE

Katona is the problem solver you have been waiting for. A wall light that combines high efficiency with easy installation and protection against water, dust and impact damage. A powerful lighting tool that solves many lighting tasks.



thornlighting.com/kato

CONTROLS

Fixed output (HF),
DALI dimmable (HFI),
basicDIM Bluetooth® Wireless (BC),
Microwave sensor (MWS)

EMERGENCY

Manual test (E3)
Addressable self-test (E3D)
Central battery system (ECD)

AREAS

Education, offices, outdoor and indoor
areas, residential, industry and retail

SIZES

Ø 307 mm
277 x 277 mm

MOUNTING OPTIONS

Wall mounted

FEATURES



1000 lm, 1400 lm, 2000 lm



Up to 120 lm/W



3000 K, 4000 K



L80 50 000 h at 25 °C



IP65 / IK10



WALL, CEILING AND PENDANT MOUNTED

GLACIER

DECORATIVE PENDANT LUMINAIRE FOR ANY APPLICATION

Glacier is a range of highly configurable pendant luminaires. Available in two distinct sizes, both in a die-cast aluminium housing with a choice of satin grey or black finish, and each with a choice of four reflector optics to suit a wide range of decorative applications. The smaller pendant is ideal for over-the-counter lighting. An integrated chip-on-board LED ensures uniform, shadow-free light.



thornlighting.com/glcl

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
basicDIM Bluetooth® Wireless (BC)

EMERGENCY

Manual test (E3)

AREAS

Retail, hospitality, leisure, office, education

SIZES

Ø 254 mm
Ø 342 mm

MOUNTING OPTIONS

Ceiling mounted,
Contus track mounted

FEATURES



Small 1000 lm
Large 3000 – 9500 lm



Up to 119 lm/W



3000 K, 4000 K



L70 50 000 h at 25 °C



Satin grey, Black

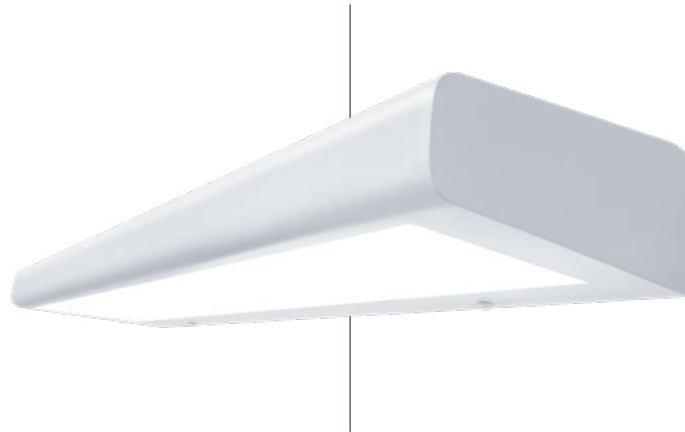


WALL, CEILING AND PENDANT MOUNTED

CAVELL

HEALTHCARE BEDHEAD FOR OPTIMAL PATIENT REST AND OBSERVATION

Intended for installation above medical beds in hospitals, care homes and hospices. Cavell provides low-glare, soft lighting of the patient, the bedded area and the bedroom or ward. Delivered in a durable and hygienic powder-coated steel body with opal diffuser, offering a clean aesthetic.



thornlighting.com/cave

CONTROLS

DALI and switchDIM (HFIX)

AREAS

Healthcare

SIZES

Ø 254 mm

Ø 342 mm

MOUNTING OPTIONS

Wall mounted

FEATURES



Up: 4600 lm, Down: 1900 lm
(Separately controllable)



> 115 lm/W



4000 K



L80 50 000 h at 25 °C



LG02:2019 compliant



UGR < 19



CRI 80

BATTENS, TRACK AND SYSTEMS

The UK-produced PopPack is a mainstay of the Thorn range. With over 90 million units sold, the batten is ideal for numerous 'back of house' applications. Whereas Equaline and Equaline Mini battens with their minimalistic design are often found in contemporary office and educational settings.

Contus is Thorn's flagship linear track and batten system. The patented design allows for installation in market-leading time, providing valuable installation cost reduction when lighting large spaces, typically found in retail, industry and logistic applications.



Education



Office



Retail



Industry



Logistics



Circulation areas
and corridors



Ancillary spaces



Service rooms



Storerooms

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CONTUS

LINEAR LINES OF LIGHT INSTALLED IN MARKET-LEADING TIME

Contus track is highly flexible; suspend or mount from a wall or ceiling. The patented tool-free electro-mechanical twist and lock mechanism allows Contus batten luminaires to be rapidly installed, saving time and cost. Contus is fully adjustable if the room layout of an industrial or retail area needs to change over time. A choice of four batten luminaires, each with unique optical characteristics, can be installed on Contus track. Contus battens will ensure that different areas of a retail store, factory or logistics hub will be lit in the most optimal way.



thornlighting.com/cont

CONTROLS

Fixed output (HF),
DALI dimmable (HFI)

AREAS

Retail, industry and logistics

SIZES

1000 mm, 1500 mm and 2000 mm

MOUNTING OPTIONS

Surface, Suspended

FEATURES



3700 lm, 5200 lm, 5500 lm,
7400 lm, 8000 lm, 10 000 lm



Up to 163 lm/W



3000 K, 4000 K



L80 50 000 h at 25 °C



Beam options: Wide Beam, Very Wide
Beam, Narrow Beam, Shelf Beam

CONTUS COMPATIBLE

AN ECOSYSTEM OF CONTUS COMPATIBLE LUMINAIRES

Contus track and battens were designed to be installed in refurbishment schemes and new builds in market-leading time, where linear lighting is the ideal solution across large spaces. An ever-growing ecosystem of indoor luminaires is now available to complement the Contus system. Take advantage of the rapid-installation of Contus track to then place high bays, battens, pendants, spotlights and emergency lighting exactly where you need them to be. All the Contus compatible luminaires are designed to simply 'twist and lock' into Contus. Elevate the lighting in your industrial, retail, office and educational environments.

AQUAFORCE PRO



POPPACK



IQ WAVE SUSPENDED



HIPAK



GLACIER



GRAFFITI



VOYAGER ONE



VOYAGER STAR



VOYAGER STYLE



VOYAGER BLADE 2



CONTUS SENSORS

THE NEXT LEVEL OF CONTROL

Designed specifically to fit Contus track, simply plug-in to control connected DALI luminaires and unlock further energy savings. With both wired and wireless (Bluetooth®) options, the perfect control solution is easily configured to your individual requirements. PIR versions are available for three different mounting heights, meaning that no matter the application, Thorn have the right solution for your needs.

- Low Ceiling (LC) for 2 – 5 m mounting height
- Medium Ceiling (MC) for 5 – 8 m mounting height
- High Ceiling (HC) for 8 – 16 m mounting height

bDW Module
(BC + 1 x DALI IPS)



Medium Ceiling DALI-2 Sensor
(MSENS G3 10dpi + BC + 1 x DALI IPS)



High Ceiling DALI-2 Sensor
(MSENS G3 16dpi + BC + 1 x DALI IPS)



Low Ceiling DALI-2 Sensor
(MSensor G3 4dpi WDA)



Low Ceiling DALI-2 Sensor
(ILD G2 4dpi WDA + 2x DALI IPS)



Medium Ceiling DALI-2 Sensor
(MSensor G3 10dpi)



Medium Ceiling DALI-2 Sensor
(ILD G2 10dpi + 2x DALI IPS)



High Ceiling DALI-2 Sensor
(MSensor G3 16dpi)



High Ceiling DALI-2 Sensor
(ILD G2 16dpi + 2x DALI IPS)

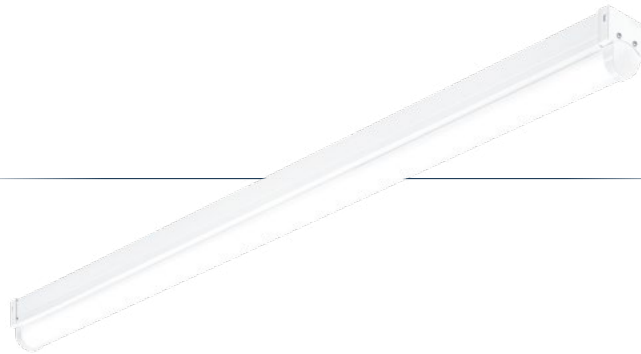




POPPACK

FAST. SIMPLE. AFFORDABLE

Made in the UK, PopPack is the perfect one-for-one LED replacement for single and twin fluorescent battens, and the simple, efficient solution for new installations. It is ideal for office, industry and retail applications where corridors, storages, service rooms, general circulation and other functional rooms can be found. With our comprehensive portfolio you can realise both large and small projects in a fast, cost-effective and energy-efficient manner.



thornlighting.com/popl

CONTROLS

Fixed output (HF),
DALI dimmable (HFI),
Presence sensor (PIR)

EMERGENCY

Manual test (E3)

AREAS

Corridors, circulation areas, storage rooms,
service rooms and ancillary spaces

SIZES

600, 1200, 1500 and 1800 mm

MOUNTING OPTIONS

Surface, Suspended,
Contus track mounted

FEATURES



1700 lm, 2300 lm, 3000 lm, 4500 lm,
5000 lm, 6000 lm, 6500 lm, 7000 lm,
9000 lm, 11 000 lm



Up to 153 lm/W



3000 K, 4000 K



L80 50 000 h at 25 °C



EQUALINE

A CONTEMPORARY EDGE DESIGN

Equaline from Thorn Lighting puts great aesthetic design within reach of every project. The flexible, modular system lets you create the right solution to fit any space. The homogeneous appearance creates a quality lit effect that increases visual comfort, clean lines of light give a bold and contemporary edge to any installation. With a range of easy installation options and a user-friendly online tool to configure your solution, Equaline keeps things simple for electricians and contractors.



thornlighting.com/equa

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX)

EMERGENCY

Addressable self-test (E3D)

AREAS

Education and office

SIZES

Lengths of 600, 1200 and 1800 mm for single luminaire in modular ceilings as well as 1000, 1250, 1500, 1750, 2000 and 3000 mm for recessed plasterboard, recessed modular, surface mounted and suspended installation.

MOUNTING OPTIONS

Recessed, Surface, Suspended

FEATURES



1980 lm/m (OPAL),
1690 lm/m (LRO)



Up to 115 lm/W



3000 K, 4000 K



L90 50 000 h at 25 °C



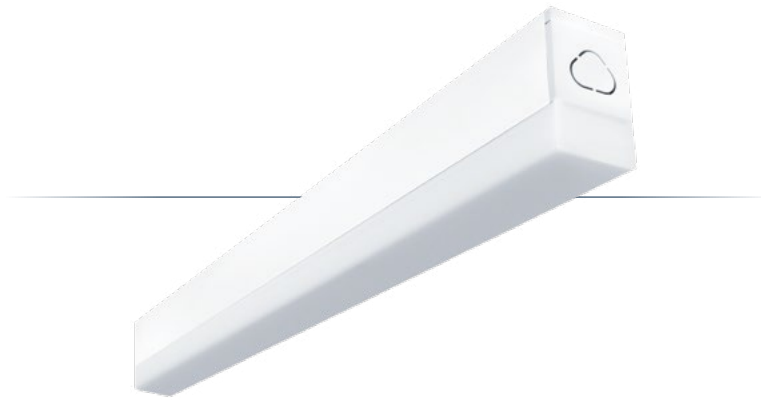
UGR < 19 available (LRO)



EQUALINE MINI

A SLIM LED BATTEN WITH CONTEMPORARY DESIGN

An unobtrusive, elegant and slim luminaire that integrates easily into the environment with its minimalistic design. Seamless light lines with L and T connections are possible as well as suspension. The anodised aluminium body and consistent lit appearance along the full length of Equaline Mini adds to the high-quality appearance.



thornlighting.com/equm

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX)

AREAS

Office

SIZES

37 x 580 x 60 mm
37 x 1180 x 60 mm

MOUNTING OPTIONS

Surface, Suspended

FEATURES



950 lm, 1050 lm, 1900 lm,
2100 lm, 3800 lm, 4200 lm



Up to 119 lm/W



3000 K, 4000 K



L70 50 000 h at 25 °C

PROTECTED LUMINAIRES

Thorn's protected luminaire range ensures protection from ingress of water, steam, insects, dust and dirt. Each has been carefully engineered to provide the ultimate in durability for a plethora of demanding environments.

HiPak is the ideal highbay for point-for-point replacements on retrofit projects and offers stunning performance and a compelling ROI.

Several of the protected luminaire range have optional inter-luminaire connectivity. They can intelligently talk to each other to help with presence detection and dimming, providing valuable additional energy savings.



Back of house



Car parks



Entrances



Food processing



Industry



Logistics



Manufacturing



Plant/Roof areas



Storerooms

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HIPAK

PREMIUM PERFORMANCE, EXCELLENT EFFICIENCY AND WIRELESS CONTROL

With a choice of three sizes and six lumen outputs up to 35 000 lm, HiPak is an ideal choice for point-for-point replacements on retrofit projects. Perfectly crafted optics and refractor accessories also mean HiPak is ideal for applications such as retail, where appearance and visual comfort are high priorities. HiPak features a range of control options to enable even greater energy savings.

HiPak offers both microwave and passive infrared sensors and of course, works seamlessly with our range of basicDIM Bluetooth® wireless control options. Quality is assured with a 100 000 hour lifetime.



thornlighting.com/hip4

CONTROLS

Fixed output (HF), DALI-2, basicDIM Bluetooth® wireless (BC), Microwave Presence Sensor (MWS), Passive Infrared sensor with DALI (PIRDA), Passive Infrared standalone (PIRILD), Passive Infrared with Bluetooth® (PIRBC)

EMERGENCY

3hr manual test, LiFePO₄ battery (E3), 3hr addressable self-test, LiFePO₄ battery (E3D, E3DUK)

AREAS

Logistics, manufacturing, retail, industry and warehousing

SIZES

Small 320 mm
Medium 400 mm
Large 500 mm

MOUNTING OPTIONS

Surface mounted, Fixed rod suspended, Chain / Catenary suspended, Wall mounted, Contus track mounted

FEATURES



10 000 lm, 15 000 lm 20 000 lm, 25 000 lm, 30 000 lm, 35 000 lm



Up to 181lm/W



4000 K



L80 100 000 h at 25 °C



IP65



IK08



AQUAFORCE PRO

DURABLE AND CHEMICAL RESISTANT WATERPROOF LUMINAIRE WITH ADVANCED CONNECTIVITY

Available in a choice of two materials; Polycarbonate (PC) or Polymethyl Methacrylate (PMMA), Aquaforce Pro is a versatile luminaire that can be used in a range of demanding environments. An IP66 certified resistance to water, dust and dirt, as well as a tough shock-resistant IK08 body ensures that Aquaforce Pro is well suited to multiple applications. With connectivity options, Aquaforce Pro can enhance spaces through presence detection and offer additional energy and cost savings.



thornlighting.com/aquapro

CONTROLS

Fixed output (HF), DALI (HFI), Microwave Presence Sensor (MWS), Microwave Presence Sensor with Corridor Function (MWCF), basicDIM Bluetooth® Wireless (BC), Microwave Presence Sensor and basicDIM Bluetooth® Wireless (MWBC) and Microwave Presence Sensor and basicDIM Bluetooth® Wireless with Corridor Function (MWCFBC)

EMERGENCY

3hr manual test,
NiMH battery (E3)
3hr addressable self-test,
NiMH battery (E3D, E3DUK)

AREAS

Industry, manufacturing, logistics, food processing (HACCP certification), car parks, storerooms and back of house

SIZES

Small 1100 mm
Large 1600 mm

MOUNTING OPTIONS

Ceiling, Wall, BESA, Chain, Catenary, Conduit, Contus track mounted

FEATURES



DALI dimmable Small: 2900 lm, 4300 lm, 5200 lm Large: 4300 lm, 6400 lm, 8000 lm, 10 000 lm



Up to 167 lm/W



3000 K, 4000 K



L80 100 000 h at 25 °C



PC IP66, PMMA IP66



PC IK08, PMMA IK03



PC -20 °C to 45 °C
PMMA -10 °C to 35 °C



AQUAFORCE

FLEXIBLE AND DURABLE WATERPROOF LUMINAIRE

Aquaforce is a great value waterproof luminaire that is ideal for use in a refurbishment or new lighting installation where good performance and high durability on a budget is key. Featuring IP66 certified resistance to water, dust and dirt, and a tough polycarbonate shock-resistant body (rated IK08). Four selectable lumen outputs via a DIP switch provides excellent flexibility at the point of installation; choose the lumen level to suit the area of a building.



thornlighting.com/aquf

CONTROLS

Fixed output Lumen Switchable (HFLS), DALI (HFI), Microwave Presence Sensor (MWS) and Microwave Presence Sensor with Corridor Function (MWCF)

EMERGENCY

3hr manual test,
NiMH battery (E3)

AREAS

Industry, manufacturing, logistics, storerooms, back of house and car parks

SIZES

Small 1100 mm
Large 1600 mm

MOUNTING OPTIONS

Ceiling, Wall, BESA, Chain, Catenary, Conduit

FEATURES

-  Switchable lumen output
Small: 4300 lm, 3700 lm, 3200 lm & 2600 lm, Large: 6400 lm, 5500 lm, 4600 lm & 3700 lm
DALI dimmable
Small: 4300 lm, Large: 6400 lm
-  Up to 148 lm/W
-  4000 K
-  L80 50 000 h at 25 °C
-  IP66
-  IK08



FORCELED

RUGGED WATERPROOF LUMINAIRE, ENGINEERED FOR HARSH ENVIRONMENTS

When it comes to harsh and demanding environments, it's essential that you choose a lighting solution that can withstand any challenges that may be presented. With an IP66 rating and IK10 protection, ForceLED can withstand heavy rain and impacts, through to freezing and very high temperatures (–20 °C to 55 °C). Plus, with a 100 000-hour lifetime and a recyclable aluminium body, ForceLED is both reliable and environmentally conscious.



thornlighting.com/forl

CONTROLS

Fixed output (HF), DALI (HFI),
Microwave Presence Sensor (MWS),
Microwave Presence Sensor with Corridor
Function (MWCF),
basicDIM Bluetooth® Wireless (BC),
Microwave Presence Sensor and basicDIM
Bluetooth® Wireless (MWBC) and
Microwave Presence Sensor and
basicDIM Bluetooth® Wireless with
Corridor Function (MWCFBC)

EMERGENCY

3hr manual test,
LiFePO₄ battery (E3)
3hr addressable self-test,
LiFePO₄ battery (E3D)

AREAS

Industry, manufacturing, logistics,
food processing, car parks, plant/roof
areas, storerooms and back of house

SIZES

180 x 735 x 95 mm

MOUNTING OPTIONS

Ceiling, Wall, BESA, Chain

FEATURES



DALI dimmable 4000 lm,
7000 lm, 10 000 lm



Up to 150 lm/W



4000 K



Up to L95 100 000 h at 25 °C



IP66



IK10



–20 °C to 55 °C (4000 lm)



ESCORT

THE COMPACT SOLUTION FOR DEMANDING APPLICATIONS

They say the best things come in small packages – and that's certainly the case with Escort. This compact and durable luminaire is not only strong, it also offers high efficiency. Escort is suitable for demanding applications including industry, manufacturing and logistics – especially for wayfinding. Thanks to its size, Escort is easy to transport, and even easier to install. Coupled with the potential for connectivity, this waterproof luminaire is the perfect companion for your chosen application.



thornlighting.com/esct

CONTROLS

Fixed output (HF), DALI (HFI),
Microwave Presence Sensor (MWS),
Microwave Presence Sensor with
Corridor Function (MWCF), basicDIM
Bluetooth® Wireless (BC),
Microwave Presence Sensor and basicDIM
Bluetooth® Wireless (MWBC) and
Microwave Presence Sensor and
basicDIM Bluetooth® Wireless with
Corridor Function (MWCFBC)

EMERGENCY

3hr manual test,
LiFePO₄ battery (E3)
3hr addressable self-test,
LiFePO₄ battery (E3D)

AREAS

Industry, manufacturing, logistics,
car parks, social housing, entrances,
storerooms and back of house

SIZES

300 x 102 mm

MOUNTING OPTIONS

Ceiling, Wall, BESA

FEATURES



Switchable lumen output
800 lm, 1000 lm
DALI dimmable 800 lm, 1000 lm



Up to 129 lm/W



4000 K



L75 100 000 h at 25 °C



IP65



IK10



0 °C to 25 °C



XETARO

ATEX CERTIFIED FOR USE IN EXPLOSIVE GAS AND DUST ATMOSPHERES

Choosing the wrong lighting in hazardous areas could lead to a dangerous spark or heat, risking the ignition of vapours, gases, or dust. Therefore, all luminaires used in ATEX zones must be ATEX certified for explosive atmospheres. Enter the Xetaro luminaire, meticulously crafted for environments where ignition hazards from gas, dust, and combustible fumes exist. Certified for Zones 2/22, with IP66 ingress protection and an IK10 impact resistance rating, Xetaro is your reliable lighting solution.



thornlighting.com/xetl

CONTROLS

Fixed output (HF),
DALI dimmable (HFI)

EMERGENCY

3hr manual test, LiFePO₄ battery (E3)

AREAS

ZONE 2 AND ZONE 22,
CATEGORY 3 ATEX CERTIFIED
Industry, Food manufacturing, Workshop
areas, Industrial Manufacturing

SIZES

1272 x 145 x 111 mm
1572 x 145 x 111 mm

MOUNTING OPTIONS

Ceiling, Wall, hooks for
catenary cable mount

FEATURES



Medium: 4400 lm, 6400 lm
Large: 5500 lm, 8100 lm, 11 000 lm



Up to 157 lm/W



4000 K



L90 50 000 h at 25 °C



IP66



IK10



-25 °C to 55 °C
(Emergency 0 °C to 50 °C)



DUROLIGHT

EXTREMELY ROBUST LINEAR LUMINAIRE WITH THE HIGHEST ANTI-VANDAL PROTECTION

Available in a choice of shapes for wall, ceiling or corner mounting, Durolight is suitable for public spaces and custodial facilities, thanks to its anti-ligature design. Built from 2 mm-thick sheet steel, Durolight carries the maximum IK10 rating for impact protection, and can withstand impacts of up to 170 joules – approximately eight times higher than is required by the standard. It is rated IP65 for protection against dust and moisture, and also boasts high UV resistance, contributing to a long lifetime when used outdoors. Fixed output and DALI as well as emergency versions of Durolight are available.



thornlighting.com/duro

CONTROLS

Fixed output (HF),
DALI dimmable (HFI)

EMERGENCY

Manual test (E3)

AREAS

Industry, manufacturing, high security
areas, pedestrian underpasses,
transportation and sports stadiums

SIZES

600, 1200, 1500 and 1800 mm

MOUNTING OPTIONS

Ceiling, Recessed

FEATURES



DALI dimmable, 3500 lm, 3600 lm,
4300 lm, 4500 lm, 5100 lm, 5300 lm



Up to 112 lm/W



3000 K, 4000 K



L90 50 000 h at 25 °C



IP65



IK10



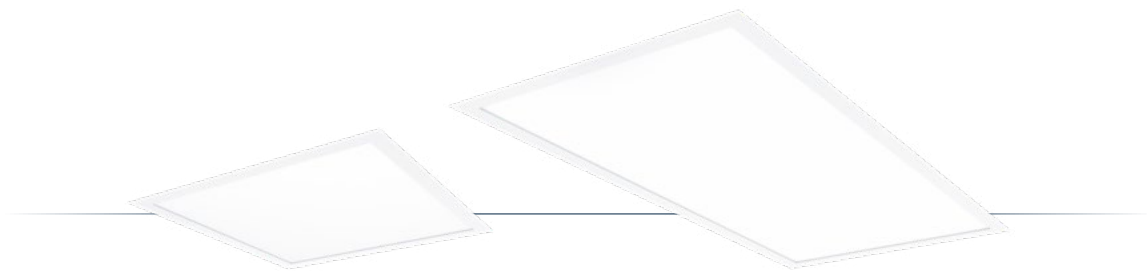
-20 °C to 55 °C



INVINCIBLE

IP65/54 RECESSED PANEL FOR CLEANROOM APPLICATIONS

Invincible is purpose-built for demanding environments, combining robust engineering with cleanroom-ready design. The panel features a durable steel housing and a seamless, screwless aluminium frame. Choose between a toughened glass or TP(a) rated polycarbonate diffuser to suit your application. With IP65 front and IP54 rear ingress protection, an antibacterial foam seal between frame and body, and impact resistance up to IK09, Invincible is built to withstand cleaning chemicals, water, dust, dirt and physical stress.



thornlighting.com/invincible

CONTROLS

Fixed output (HF),
DALI dimmable (HFI)

CERTIFICATION

- Fraunhofer Institute Certified: Approved for cleanrooms from Class 1 to 9 in accordance with DIN EN ISO 14644-1
- EN 60598-2-25 Certified: Luminaires for use in clinical areas of hospitals and health care buildings
- HACCP Certified: Suitable for food production and handling environments when specified with a polycarbonate diffuser
- Complies with GMP (Good Manufacturing Practice) regulations

AREAS

Healthcare, pharmaceutical, food industry

SIZES

600 x 600 mm
1200 x 300 mm
1200 x 600 mm

MOUNTING OPTIONS

Recessed lay-in ceilings,
Plasterboard ceilings

EMERGENCY

3hr manual test LiFePO₄ (E3)
IEC 60598-2-22 (DALI driver)

FEATURES

-  3500 lm – 14 500 lm
-  Up to 132 lm/W (CRI 80)
Up to 117 lm/W (CRI 90)
-  4000 K
-  L80 72 000 h at 25 °C
-  IP65/54 (Front/Back)
-  IK09 (Polycarbonate cover)
IK08 (Glass cover)
-  –25 °C to 50 °C
(Emergency 0 °C to 30 °C)



DUOPROOF 2

HYGIENIC AND DURABLE LUMINAIRE FOR CLEAN ENVIRONMENTS

Laboratories, cleanrooms, commercial kitchens, industrial and pharmaceutical production facilities all require high-quality illumination delivered by a robust and durable luminaire.

The Duoproof 2 LED panel features a high level of resistance to chemicals and heat, as well as IP65 protection against dust, dirt, steam and water. Thanks to its smooth surface, rounded corners and impermeable joint between its PMMA cover and steel housing, Duoproof has an optimised hygienic design, allowing for quick and easy cleaning maintenance cycles.



thornlighting.co.uk/duo2

CONTROLS

Fixed output (HF),
DALI (HFIX)

EMERGENCY

Manual test (E3)
Addressable self-test (E3D)

AREAS

Cleanrooms, commercial kitchens,
industrial production, health
and care (non-operative)

SIZES

600 x 600 mm
300 x 1200 mm

MOUNTING OPTIONS

Recessed
Additional mounting accessory
for ceiling integration

FEATURES



4600 lm, 5400 lm, 5600 lm



Up to 150 lm/W



4000 K



L95 50 000 h at 25 °C



IP65 below, IP50 above



Up to 50 °C



UK exclusive

INDOOR EMERGENCY LIGHTING

In situations such as power cuts and fires, emergency lighting can help to save lives and keep people calm. It goes without saying that emergency lighting must comply with all relevant rules and regulations. But the best emergency lighting goes further, incorporating flexible luminaires with ease of installation and maintenance, long life and energy efficiency. Thorn's 95 years of experience and reputation for quality are your guarantee of an optimal emergency lighting solution.



Office



Education



Industry



Logistics



Retail



Healthcare



Staircases



Corridors



Back of house



Car parks

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VOYAGER STAR

SAFETY SUPERSTAR WITH HIGH PERFORMANCE, FLEXIBILITY AND SUSTAINABILITY

Voyager Star is designed for an expansive range of indoor applications and can be used in a wide variety of mountings. As well as the unobtrusive recessed version, which integrates discreetly with ceilings, the compact luminaire is also available in a surface-mounted format, in addition to a variant that can be quickly and easily installed into Thorn's Contus track system.



thornlighting.com/vstr

EMERGENCY POWER SUPPLY

Self-contained
E1/3; E3/8 Manual Test
E1/3T; E3/8T Automatic Test
E1/3D; E3/8D Automatic Test
and DALI-2 communication
E1/3BC; E3/8BC Automatic Test and
Wireless communication bDW

Central Battery
ECD DALI comm
ECP, ELP Powerline comm
ECC Circuit monitored

AREAS

Office, education, retail, healthcare,
corridors and staircases

MOUNTING OPTIONS

Surface mounted, Recessed,
Contus track mounted

FEATURES



Three interchangeable optics;
Anti-Panic (ANT), Escape Route (ESC)
and High Ceiling (HC)



Choice of White or Black casing



Maintained, Non-Maintained
switchable



Battery pack with
LiFePO₄ technology

VOYAGER FIT

CONFIGURABLE, COMPACT EMERGENCY LIGHTING

Voyager Fit is a super-compact safety luminaire for flexible installation in and on ceilings. It comes supplied with three interchangeable lenses (anti-panic, escape and spot), which can be rapidly fitted to meet the requirements onsite.



thornlighting.com/voyf

EMERGENCY POWER SUPPLY

Self-contained
E3 Manual Test
E3T Automatic Test
E3D Automatic Test and DALI comm

AREAS

Office, education, corridors,
and staircases

MOUNTING OPTIONS

Recessed, Surface mounting
ceiling in two heights

FEATURES



Delivered with three interchangeable optics for free field (ANT), for escape routes (ESC) and objects (SPOT)



Recessed version for a void height of 80 mm only



Slim and normal versions are available in black and white



Slim version for unobtrusive surface mounting



Battery pack with LiFePO₄ technology

VOYAGER TWINSPOOT

TAILORED EMERGENCY SPOTLIGHTS

The Voyager Twinspot features exceptional functionality. The components are enclosed in an IP65-rated housing that offers the best possible protection for every environmental condition. For convenient installation, there are prepared cable openings and well accessible terminals. In addition to the low weight, Voyager Twinspot can be configured for any application using the two adjustable spotlights.



thornlighting.com/voyt

EMERGENCY POWER SUPPLY

Self-contained
E3 Manual Test
E3X Automatic Test and DALI comm

AREAS

Industry, logistics and
construction areas

MOUNTING OPTIONS

Surface mounting walls

FEATURES



IP65



One of the lightest and slimmest
twin spot luminaires on the market



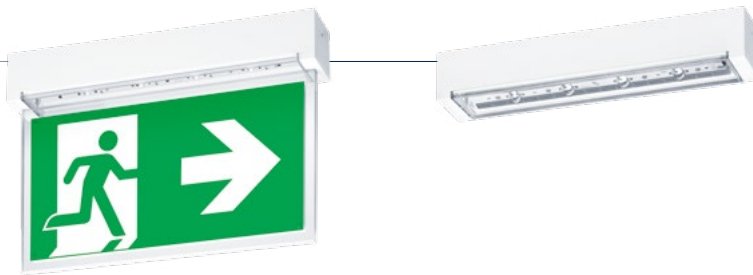
Battery pack with LiFePO₄
technology



VOYAGER ONE

ONE FOR ALL EMERGENCIES

With Voyager One, we have introduced a platform for emergency luminaires rather than a single luminaire. When delivered, the basic luminaire is an IP65 safety luminaire. It can easily be converted into a safety sign luminaire and adapted to all possible conditions with optional accessories. Who says you need hundreds of article codes – you can get the job done with one luminaire.



thornlighting.com/voyo

EMERGENCY POWER SUPPLY

Self-contained
E3 Manual Test
E3T Automatic Test
E3D Automatic Test and DALI comm

Central Battery
ECD DALI comm
ECP Powerline comm
ECC Circuit monitored

AREAS

Industry, logistics and
car parks

MOUNTING OPTIONS

Surface mounted
Recessed with optional frame
Contus track mounted

FEATURES

-  Optics for free field (ANT), for escape routes (ESC)
-  High power versions for up to 25 m ceiling heights
-  Maintained, Non-Maintained switchable
-  Simple conversion into a safety sign luminaire
-  IP65
-  Battery pack with NiMh technology



Notausgang
FLUCHTWEG



VOYAGER SOLID

THE BULKHEAD THAT MAKES EMERGENCY LIGHTING EASY

Available in small or large versions with a consistent design, Voyager Solid provides an even, homogeneous light distribution in several power ranges. With the Voyager Solid's emergency pictograms printed on inlets, that are inserted and protected inside the luminaire the luminaire is easily converted into a safety sign luminaire.



thornlighting.com/vyso

EMERGENCY POWER SUPPLY

Self-contained
E1/3 Manual Test
E1/3T Automatic Test
E1/3D Automatic Test and
DALI-2 communication
E1/3BC Automatic Test and
Wireless communication bDW

Central Battery
ECD DALI comm
ECP, ELP Powerline comm
ECC Circuit monitored

AREAS

Industry, logistics, car parks
and back of house

MOUNTING OPTIONS

Surface mounted
Recessed with optional frame

FEATURES



High-power versions (up to 990 lm)
for ceiling heights up to 20 m



IP65



Maintained, Non-Maintained
switchable



Simple conversion into a safety
sign luminaire



Battery pack with LiFePO₄
technology



VOYAGER STYLE

STYLISH AND SLIM

Ultra-slim: Thorn's Voyager Style shows that safety sign luminaires don't have to be bulky or obtrusive. At just 37 mm thick, this understated fitting can blend into any interior, and is easy to mount in a variety of configurations.



thornlighting.com/vyst

EMERGENCY POWER SUPPLY

Self-contained
E3 Manual Test
E3T Automatic Test
E3D Automatic Test and DALI comm

Central Battery
ECD DALI comm
ECP Powerline comm
ECC Circuit monitored

AREAS

Office, education, retail and corridors and staircases

MOUNTING OPTIONS

Surface mounted, Recessed with optional frame,
Contus track mounted,
Suspended

FEATURES



Set of ISO pictograms included



23 m and 30 m recognition range, double or single sided pictograms



37 mm thickness



Maintained, Non-Maintained switchable



Battery pack with NiMh technology



VOYAGER BLADE 2

SLEEK AND SIMPLE

Voyager Blade 2's versatile base housing is robust and easy to mount on walls and ceilings. The base housing is identical for both recognition ranges reducing the complexity to identify the right accessory for different mounting options such as recessed installation or suspension. Extending the flexibility even further all pictograms (Up, Left, Right, Down) are included in the scope of delivery.



thornlighting.com/vob2

EMERGENCY POWER SUPPLY

Self-contained
E1/3 Manual Test
E1/3T Automatic Test
E1/3D Automatic Test and
DALI-2 communication
E1/3BC Automatic Test and
Wireless communication bDW

Central Battery
ECD DALI comm
ECP, ELP Powerline comm
ECC Circuit monitored

AREAS

Office, education, retail,
corridors and stairways

MOUNTING OPTIONS

Surface mounted, Recessed with optional
frame, Contus track mounted,
Suspended with optional cord

FEATURES



Set of ISO pictograms included



Selectable duration times
1h, 3h



23 m and 30 m recognition range,
double or single sided pictograms



Battery pack with LiFePO₄
technology



VOYAGER SQUARE

ROBUST AND RESISTANT

Voyager Square is very robust and can therefore be used for many applications. It is moisture and dust resistant and has an extremely high impact strength. The diffuser and luminaire body are made from polycarbonate. The material uses an UV stabiliser, it is heat resistant, and flame retardant.



thornlighting.com/vysq

EMERGENCY POWER SUPPLY

Self-contained
E3 Manual Test
E3T Automatic Test
E3D Automatic Test and DALI comm

Central Battery
ECD DALI comm
ECP Powerline comm
ECC Circuit monitored

AREAS

Industry, logistics, car parks
and DIY stores

MOUNTING OPTIONS

Wall mounted

FEATURES



44 m recognition range



IP65



IK10



Battery pack with LiFePO₄
technology



Food safety certified



VOYAGER SIGMA

THE ELECTRICIAN'S CHOICE

Thorn offers the Voyager Sigma with electrical installers in mind, which is designed for simple and hassle-free installation. We provide a large terminal compartment, ready-to-insert pictograms and the placement of the electronics on a fold-out panel just to name a few benefits. Voyager Sigma, therefore, reduces installation and maintenance effort and associated costs.



thornlighting.com/vsig

EMERGENCY POWER SUPPLY

Self-contained
E3 Manual Test
E3TX Automatic Test

AREAS

Office, education, corridors
and stairways

MOUNTING OPTIONS

Wall mounted

FEATURES



Simple and fast installation



30 m recognition range



Battery pack with NiMh technology

OUTDOOR PRODUCTS

Light has the power to transform how we see buildings and their surroundings. At Thorn, we believe in great outdoor lighting that can enhance the use of a space as well as ensuring safety in the hours of darkness. From guiding daily commuters, cyclists and pedestrians to creating memorable sporting experiences, our outdoor solutions prioritise performance, safety and sustainability. We take protecting dark skies seriously – and we're proud to have a wide range of DarkSky Approved luminaires.

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FLOODLIGHTS

From world-class stadiums and iconic landmarks, to industry, logistics and sports and leisure facilities, Thorn has a floodlight solution for every requirement.

Deliver performance with precision, get creative with colour, and provide connected, efficient, and environmentally-responsible illumination: our range of floodlights are designed to provide the right light for the application, exactly when and where it is needed.



Airport aprons



Building surrounds



Car parks



Facades and monuments



Industry



Logistics



Multi sports halls



Recreational sports



Roads



Stadiums and arenas



Swimming pools



Transportation

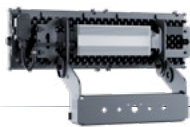
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ALTIS

THE MOST POWERFUL LIGHT, CONTROLLED

Altis is a powerful, flexible and easy to install LED floodlight. Ideal for a wide-range of sports and high mast area lighting applications, it delivers up to 264 000 lumens, with exceptional environmental resistance and excellent thermal and windage properties. As well as flicker-free operation for HDTV broadcasting, Altis offers a wide choice of outputs and precision optics, while minimising glare, intrusive light and sky glow from artificial light.



1 LED Module (Standalone)
(168/144 LEDS)



1 LED Module
(168/144 LEDS)



2 LED Modules
(336/312/288 LEDS)



2 LED Modules
(336/312/288 LEDS
LIGHT BRACKET)



3 LED Modules
(504/480/456/432 LEDS)



thornlighting.com/alg5

CONTROLS

DALI-2 dimmable,
RDM-DMX control,
UrbaSens PLAY

PATENTS

Altis has three patents for its innovative design features:
Maximum air flow for excellent cooling and windage benefits.
Strong but lightweight body with user friendly lateral arm.
Fishbone gearbox design for maximum thermal management

AREAS

Stadiums and arenas, recreational sports, multi sports halls, swimming pools, transportation and industrial areas, facades and monuments

FEATURES



40 000 lm to 264 000 lm



3000 K, 4000 K, 5700 K, RGBW,
Balanced White (2700 K to 5700 K)



Up to L90 100 000 h at 25 °C



CRI 70, 80, 90
TLCI 86, 90



–40 °C to 45 °C



IP66



IK08



Corrosion Resistance Class C5



La Région
Auvergne-Rhône-Alpes

V34

ALTIS RGBW/BW

PLAY WITH COLOUR

Thorn's best-in-class, high performance floodlight – now with RGBW. Generate excitement and enhance the fan experience in stadiums and arenas, add a touch of atmosphere to swimming pools, or light up large-scale architecture and building facades with a wash of vivid colour, placed exactly where you need it with a range of precision optics.

With Altis Balanced White you are able to adjust colour temperatures to suit the mood of the event, game or sporting requirement. Tune the colour temperature from the warmest 2200 K through to 4000 K and completely transform the atmosphere of your project. A warmer colour temperature of 2200 K is ideal for areas close to natural habitats or architectural lighting whereas 4000 K may be used for sports and general area lighting.



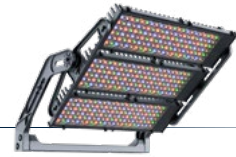
1 LED Module
(168/144 LEDs)



2 LED Modules
(336/312/288 LEDs)



2 LED Modules
(336/312/288 LEDs
LIGHT BRACKET)



3 LED Modules
(504/480/456/432 LEDs)



thornlighting.com/algc

CONTROLS

DALI-2, RDM-DMX control

PATENTS

Altis has patents for its innovative design features: Maximum air flow for excellent cooling and windage benefits. Strong but lightweight body with user friendly lateral arm.

AREAS

Stadiums, arenas and architectural features

FEATURES



Up to 80 000 lm (BW)
Up to 65 000 lm (RGBW)



RGBW (Red, Green, Blue & White (930)
Balanced White 2200 K to 4000 K



Up to L90 100 000 h at 25 °C



CRI 70 to 90 (BW)



–40 °C to 45 °C



IP66



IK08



Corrosion Resistance Class C5



AREAFLOOD PRO 2

THE VERSATILE FLOODLIGHT FAMILY WITH ADVANCED OPTICAL PERFORMANCE

Areaflood Pro 2 is a full family of functional floodlights, offering five sizes ranging from 4000 to 100 000 lumens, each with multiple light distributions to suit a wide range of applications. Advanced optics are integrated within a robust and maintenance-free luminaire design, utilising the highest quality materials for a slimline, lightweight construction.



thornlighting.com/afp2

CONTROLS

DALI-2 dimmable,
Bi-Power (Line or Switch),
UrbaSens PLAY

OPTICS

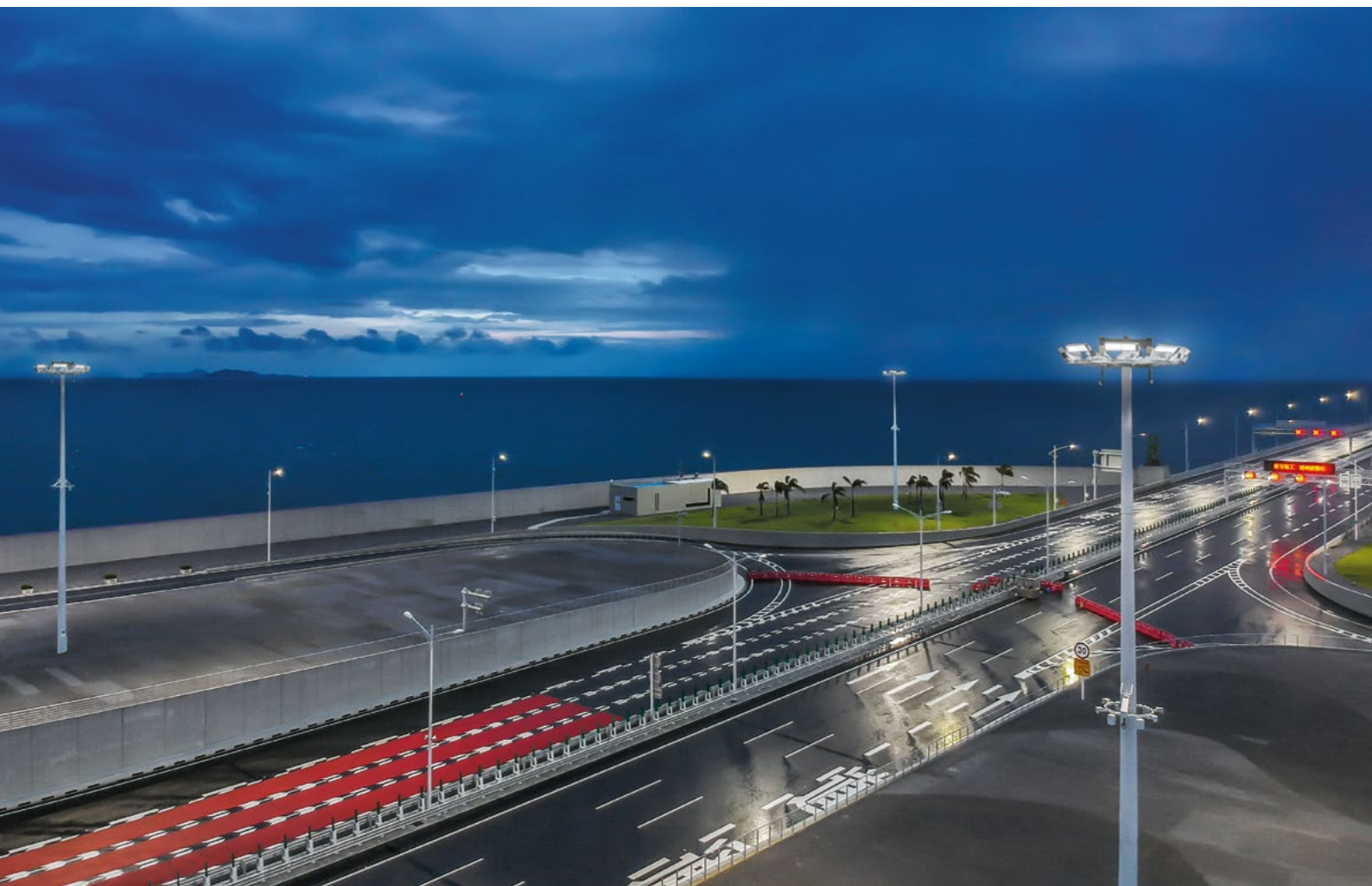
Areaflood Pro 2 includes a large choice of in-house designed optics. Developed with Dark Sky sensitive principles in mind, all optics provide exceptional performance while minimising light spill, with 0 % ULOR when mounted at 0°

AREAS

Recreational sports, swimming pools,
industry, logistics, transportation,
car parks and roads

FEATURES

-  4000 to 100 000 lm
-  2700 K, 3000 K, 4000 K, 5700 K, Balanced White (2700 K to 5700 K)
-  Up to L95 100 000 h at 25 °C
-  CRI 70, 80, 90
-  Light Grey, Anthracite, Black and 50 additional colours
-  IP66
-  IK08



CHAMPION

TOTAL PRECISION FOR ALL APPLICATIONS

True to its name, the Champion floodlight provides excellent spill light control and project flexibility. Featuring three different light distribution positions, it is an ideal choice for wide-ranging refurbishments of conventional installations – from sports to industry.



VSP (painted visor)



VSR (reflective visor)



VSP BSC (painted visor
Back Spill Control)



Without visor



thornlighting.com/chpl

CONTROLS

DALI-2 dimmable,
RDM-DMX control,
UrbaSens PLAY

OPTICS

In classic floodlight style, Champion includes a choice of visor, for ultimate control of light-spill. It is designed for horizontal mounting and uses 55, 60 or 65° asymmetric optics to illuminate the space, with no upward light (ULOR 0 %)

AREAS

Recreational sports, multi sports halls, airport aprons, transportation and industrial spaces

FEATURES



75 000 lm to 120 000 lm



3000 K, 4000 K, 5700 K



Up to L90 B10 100 000 h at 25 °C



CRI 70



–40 °C to 45 °C



IP66



IK08



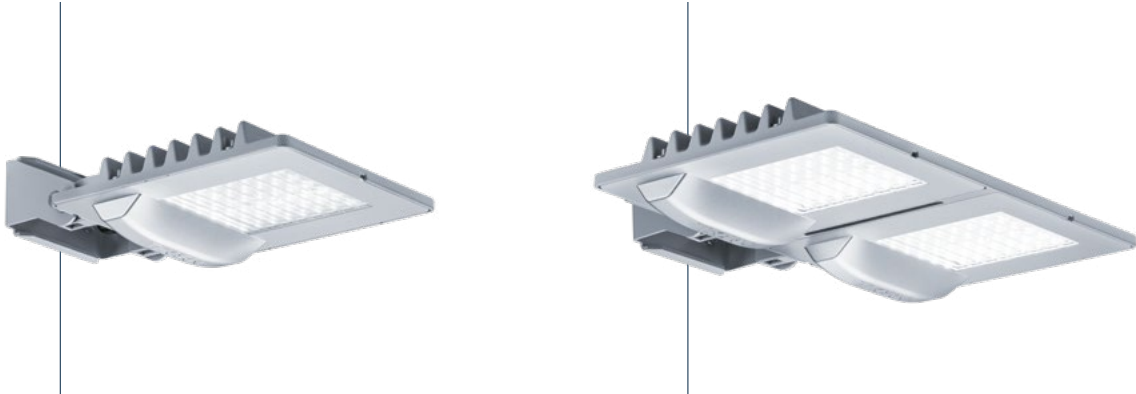
Corrosion Resistance Class C5



LED FIT

SIMPLE, RELIABLE AND EFFICIENT SOLUTION

With reduced energy consumption and a true asymmetric optic, LED Fit offers a simple, reliable and efficient alternative to general purpose HID floodlights. Its slim, lightweight design is easy to install and integrate onto existing structures discreetly.



thornlighting.com/ledf

CONTROLS

Fixed output (HF) for simple on/off switching using a remote photocell or time-clock

INSTALLATION

The pre-wired cable and fitted stirrup bracket mean there is no need to open the product for installation

AREAS

Logistics, car parks and retail distribution centres

FEATURES



4500 lm, 9000 lm



4000 K



L70 B50 50 000 h at 25 °C



CRI 80



-25 °C to 25 °C



IP66



IK07



Corrosion Resistance Class C3



CONTRAST

BRING OUT THE BEST IN THE URBAN ENVIRONMENT

From super-compact spotlights to powerful floodlights, Thorn's Contrast is a single, unified series of architectural luminaires that meet the needs of different applications. A wide variety of beams, colour temperatures and optical accessories make Contrast highly versatile. A range of mounting options including column mounting increases its flexibility to create high-impact designs and displays.



thornlighting.com/contrast

CONTROLS

DALI-2 dimmable (HFX),
RDM-DMX control (DMX),
Bluetooth® Wireless (BC)

VERSATILE ELEGANCE

Contrast can be switched, dimmed and adjusted, including in colour, using a variety of interfaces. With wireless functionality, Contrast is easy to control and configure, and installation is simple with no new cabling required. To suit the application requirements, contrast is available in four colour finishes, anthracite, light grey, black and white

AREAS

Facades and monuments, building surrounds, parks and plazas, bridges

FEATURES



450 to 17 400 lm



2200 K, 2700 K, 3000 K,
4000 K, Balanced White
(2200 K to 4000 K), RGBW



Small: L70 50 000 h at 25 °C
Medium: L80 50 000 h at 25 °C
Large: L80 50 000 h at 25 °C



CRI 70, 80



-20°C to 35 °C



IP66



IK08



Corrosion Resistance Class C5



CAELON S

A POWERFUL FAMILY OF ADJUSTABLE OUTDOOR SPOTLIGHTS

From the miniature Caelon S3x through to the S30i, the Caelon S family of spotlights is ideal for facade and bridge illumination, highlighting their size and scale. Caelon S surface mount spotlights are designed to blend seamlessly within their environment and its integral snoot ensures great glare control for visual comfort. The adjustable Caelon S is constructed with 6063 grade aluminium and finished in a specialist corrosion resistant powder coat paint, to ensure the long life integrity of the product.



connect.thornlighting.com/caelons

CONTROLS

DALI-2 dimmable (HFX),
RDM-DMX control (DMX),
Bluetooth® Wireless (BC)

ONE TECHNOLOGY

One Technology is unique to Thorn Lighting combining Clean Beam Design (CBD), 5D Lens and User Connect (wireless communication). Create endless, bespoke lighting schemes... all from your smartphone

AREAS

Facades and monuments, building surrounds, parks and plazas

FEATURES



300 to 3000 lm



2700 K, 3000 K, 4000 K, Balanced White (2700 K to 5700 K), RGBW



L90 60 000 h at 25 °C



CRI 80



Up to 50 °C



IP66



IK08



Corrosion Resistance Class C5

POST TOP AND BOLLARD

As we navigate the world around us, the right light is key to safety and comfort. But light also has a role to play in shaping the character and ambience of a space. Thorn's selection of bollards and decorative post-top luminaires range from classic aesthetics that integrate seamlessly into their environment to design-led styles that are made to be noticed.

With advanced optics and best in class light quality, Thorn's products support orientation and wayfinding and maintain visual comfort, and corrosion and impact resistant options provide ideal solutions for tough environments. Utilise a range of connectivity and control possibilities to manage energy usage, improve sustainability and create excellent visual impact.



Car parks



Pathways



Public parks



Residential
and building
surrounds



Urban areas

AERIE	186	URBA DECO	202
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AERIE

A TIMELESS AND DISCREET LIGHT GLOW

Aerie brings a soft glow that appears to float weightlessly in the air, illuminating the urban space clearly yet gently. Its expertly designed, cutting-edge optics and smart controls support safety, wellbeing and a calm atmosphere, while minimising obtrusive light. And with a range of installation options, Aerie is ready to bring a breath of fresh air to countless different urban settings.



thornlighting.com/aerie

CONTROLS

DALI-2, Bi-Power, Power Line, Constant Light Output, Light Reduction Twin Phases, Zhaga interface, Motion detection, Radio Frequency

OPTICS

Thorn's high-performance R-PEC and A-PEC optics maximise efficiency, achieving up to 163lm/W. This means excellent efficacy, with reduced light pollution

AREAS

Urban areas, residential, building surrounds, public parks and car parks

FEATURES



Up to 8000 lm



Up to 163lm/W



2700 K, 3000 K, 4000 K



L98 B10 100 000 h $\leq$ 700 mA at 25 °C
L95 B10 100 000 h $>$ 700 mA at 25 °C
Up to L90 B10 100 000 h at 50 °C



CRI 70, 80



IP66



Up to IK10



AVENUE

MODULAR INNOVATION DESIGNED FOR URBAN SPACES

Avenue's clever modular concept welcomes in a new era of design innovation. Driven by decades of excellence in outdoor luminaires, this is the urban lighting solution designed to meet the needs of today – with the flexibility to meet the needs of the future.

The Avenue family consists of four product types: post-top, lateral arm, post-top lateral and suspended, all developed on the same connected modular platform.



LATERAL POST-TOP



POST-TOP



SUSPENDED



LATERAL ARM



thornlighting.com/aven

CONTROLS

Bi-Power Line, Light Reduction Twin Phases, Bi-Power Switchable, Multi-Layer Dimming, CLO, Integral Mini Photocell, Integral Nema Photocell facility, DALI-2, Zhaga Up, Down socket, Zhaga Up/Down interface

OPTICS

Avenue integrates a range of Thorn's A-PEC and R-PEC optics, catering to major and minor roads as well as urban spaces, parks, car parks and building surrounds. An optional comfort optic further mitigates glare and improves visual comfort.

AREAS

Urban & residential streets, building surrounds, public parks, pathways, pedestrian areas and car parks

DARK SKY APPROVED

Avenue holds DarkSky International's seal of approval for post-top and suspended luminaires with CCTs of 3000 K or warmer. See Avenue brochure for full details of included variants.

FEATURES



Up to 9000 lm



Up to 170 lm/W



2200 K, 2700 K, 3000 K, 4000 K



L98 B10 100 000 h $\leq$ 700 mA at 35 °C
L95 B10 100 000 h $>$ 700 mA at 25 °C / 35 °C



CRI 70, 80



IP66



IK10



0 % for Suspended and Lateral Mount
< 1% for Post-Top



CANDLE AND CANDLE BOLLARD

A FAMILY OF SLEEK, STYLISH LUMINAIRES WITH LOW UPWARD LIGHT

Featuring near-zero upward light that minimises sky glow, Candle bollard and lantern have been designed to have stylish, minimalistic looks so that they can blend in with their surroundings, while delivering a soft, tailored light.



thornlighting.com/cndl

CONTROLS

Motion detection,
DALI-2,
Bi-Power Line,
Bi-Power Switch,
Multi-layer dimming

AREAS

Urban areas, residential, building
surrounds, public parks and pathways

FEATURES



Up to 1800 lm (bollard)
Up to 5900 lm (lantern)



Up to 101lm/W (bollard)
Up to 122lm/W (lantern)



2200 K, 2700 K, 3000 K, 4000 K



L98 B10 100 000 h at 25 °C (bollard)
L98 B10 100 000 h ≤ 700 mA at 25 °C (lantern)
L95 B10 100 000 h > 700 mA at 25 °C (lantern)



CRI 70, 80



IP66



IK10



ULOR 0.9 % to 1.2 %



CESAR STROLL

LET CESAR STROLL TAKE THE LEAD

Available in two sizes as either a bollard or post-top, Cesar Stroll offers an elegant glare-free and vandal-proof solution for pedestrian areas, town centres and parks where safety is essential. Thanks to its clear, vandal-proof polycarbonate diffuser, Cesar Stroll offers controlled downward omni-directional light emission and excellent glare control.



connect.thornlighting.com/cesarstroll

CONTROLS

DALI-2 on-board

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

AREAS

Urban areas, residential, building surrounds and car parks

CHOICE

To suit the application requirements, Cesar Stroll is available in four colour finishes; anthracite, light grey, black and white

FEATURES



Up to 2076 lm



Up to 60 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK10



ULOR 1.5 %



CESAR STRUT

A STYLISH POLE LUMINAIRE IDEAL FOR PEDESTRIAN AND URBAN AREAS, PARKS, PLAZA AND PROMENADES

Cesar Strut is a stylish pole luminaire that encourages social interaction and improves the visual perception of safety during the hours of darkness. Thanks to its IK10 and IP65 rating, Cesar Strut is perfect for public applications such as car parks and gardens while adding a touch of urban style. Omni-directional light distribution offers maximum interdistance between each luminaire position and a soft lit effect.



connect.thornlighting.com/cesarstrut

CONTROLS

DALI-2 on-board

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

AREAS

Urban areas, residential, building surrounds and public parks

CHOICE

To suit the application requirements, Cesar Strut is available in four colour finishes; anthracite, light grey, black and white

FEATURES



3900 to 4352 lm



Up to 80 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90 (2700 K, 3000 K, 4000 K)



IP65



IK10



ULOR 2.0 %



LEGEND

HERITAGE STYLE MEETS CONTEMPORARY PERFORMANCE

Legend's aesthetic design is available in post-top or suspended versions for visual consistency. With no upward light output (without illuminated top cap only) this lantern minimises sky glow, making it an ideal option for illuminating parks and green spaces as well as urban areas.



thornlighting.com/lgnc

CONTROLS

Compatible with Bi-Power, DALI and Telea, providing advanced dimming and control to reduce energy consumption

REFURBISHMENT READY

Available with refurbishment kit to upgrade light engine and driver for a future-proof and sustainable solution

AREAS

Urban areas, residential and building surrounds, public parks and pathways

DARK SKY APPROVED

Legend holds DarkSky International's seal of approval for CCTs of 3000 K and warmer

FEATURES



Up to 9800 lm



Up to 134 lm/W



2200 K, 2700 K, 3000 K, 4000 K



L98 B10 100 000 h at 25 °C



CRI 70



IP65



IK08



ULOR 0 %



NELLA

WHERE STYLE MEETS SIMPLICITY

Thorn's Nella is a great value LED post-top lantern designed for applications including residential streets, pathways and building surrounds. Featuring a contemporary design that will look attractive in urban areas, Nella is respectful of the environment with a 2700 K and 3000 K colour temperature and no upward light (ULOR < 1 %).



thornlighting.com/nella

CONTROLS

Manual switch dim
30 % / 50 % / 75 % / 100 %

LIGHT DISTRIBUTIONS

Offered with symmetric and
asymmetric optical light distributions

AREAS

Urban areas, residential, building
surrounds, public parks and pathways

FEATURES



Up to 3600 lm



Up to 124 lm/W



2700 K, 3000 K



L80 B20 70 000 h at 25 °C



CRI 70



IP66



IK08



ULOR < 1 %



PLURIO

VISUAL COMFORT, PRECISION, ADAPTABILITY

The Plurio family is designed to provide both direct and indirect illumination while maintaining consistency in aesthetic appearance and light quality. This innovative optical solution delivers performance, comfort and precision, providing the right solution in any outdoor situation, while fulfilling technical and environmental requirements. With zero upward light emission, Plurio minimises light pollution without compromising on quality of lighting.



Original canopy



Round canopy



Flat canopy



Disc canopy



thornlighting.com/plr

CONTROLS

Bi-Power, Bi-Power Switch, Bi-Power Line, Light Reduction Twin Phases, Multi-Layers Dimming, Constant Light Output, Mini Photocell, (DALI / Indirect), Nema, Zhaga interface

NIGHTTUNE COMPATIBLE

Autonomous technology to protect the nighttime environment and nocturnal wildlife while supporting human activity during early evening periods. Fully customisable to suit the application and preferred NightTune cycle timings

DARK SKY APPROVED

Plurio holds DarkSky International's seal of approval for CCTs of 3000 K and warmer

AREAS

Urban areas, residential, building surrounds, public parks and car parks

REFURBISHMENT

Use Thorn's refurbishment kits to upgrade past generations of Plurio lanterns (HID and first-generation LED) to the newest LED technology for improved performance, the latest optical technology and greater energy efficiency. Provided as one integrated unit, the kit takes advantage of the lantern's preexisting design features, making it quick and simple to install in just minutes.

FEATURES



Up to 6840 lm



Up to 139 lm/W



2200 K, 2700 K, 3000 K, 4000 K, NightTune (2200 K to 4000 K)



L98 B10 100 000 h $\leq$ 700 mA at 25 °C
L95 B10 100 000 h $>$ 700 mA at 25 °C



CRI 70, 80



IP66



IK08



ULOR 0 % (Black heat sink)



URBA DECO

THE ALL-ROUND DECORATIVE CHOICE

Urba Deco is a high-quality architectural luminaire that is both simple and sophisticated, with its minimalistic design cues making it ideal for new, premium urban lighting installations and renovation of modern or historic areas, where an elegant luminaire such as this one can change the scene dramatically.



Suspended



Post-top



Catenary



thornlighting.com/urbd

CONTROLS

DALI dimmable (HFX), Zhaga socket Up (ZU) compatible with Thorn's UrbaSens connectivity portfolio

OPTIC CHOICE

A wide range of optics to suit the application, including (but not limited to): extra narrow road, narrow road, extra wide road, wide street comfort, wet road distribution, pedestrian crossing distribution, street comfort

Comfort lighting via prismatic diffuser of louvre

AREAS

Urban areas, residential, building surrounds, public parks and car parks

Application versatility via post top, suspended and Catenary mounting variants

DARK SKY APPROVED

Urba Deco holds DarkSky International's seal of approval for CCTs of 3000 K and warmer

FEATURES



Up to 10 993 lm



Up to 175 lm/W



2200 K, 2700 K, 3000 K, 4000 K, NightTune (2200 K to 4000 K)



L98 B10 100 000 h at 35 °C



CRI 70, 80



IP65



IK10



ULOR 0 % for Suspended and Catenary
ULOR 0 % – 5 % for Post-top



VOLUPTO

CLASSIC STYLE, REIMAGINED

Volupto's design blends the old and the new. Its elegant appearance and gentle glow brings safety and identity to any urban space, while the fully integrated motion sensor and wireless connectivity options provide the latest in intelligence.



thornlighting.com/volupto

CONTROLS

As standard: DALI dimmable, Bi-Power Line, Constant Light Output, Light Reduction Twin Phases, Zhaga Up interface, integrated motion detection sensor

VISUAL COMFORT

Internal frosted diffuser promotes visual comfort and available with two bowl aesthetics. Clear bowl reduces obtrusive light and semi-frosted bowl increases visual comfort. Available with urban A-PEC (asymmetric and rotational symmetric distribution) and road R-PEC optic (asymmetric street light distribution)

AREAS

Urban areas, residential, building surrounds, public parks and car parks

FEATURES



Up to 7700 lm



Up to 171 lm/W



2200 K, 2700 K, 3000 K, 4000 K



L98 B10 100 000 h $\leq$ 700 mA at 25 °C
L95 B10 100 000 h $>$ 700 mA at 25 °C
Up to L90 B10 100 000 h at 50 °C



CRI 70



IP66



IK10



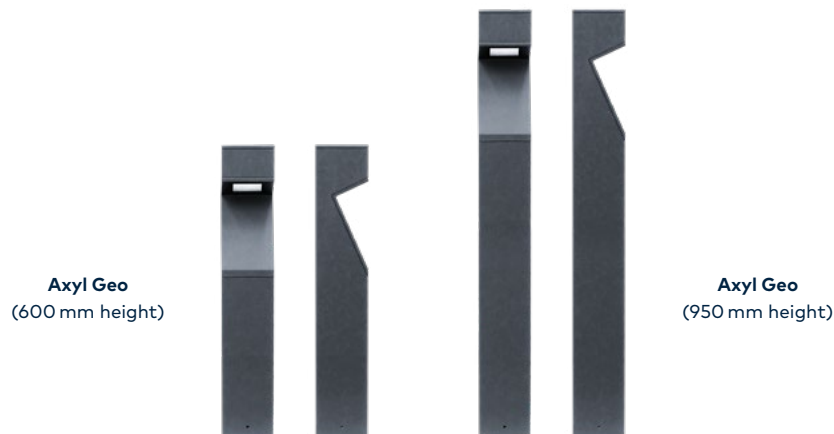
ULOR $<$ 1 % to $<$ 5 % versions



AXYL GEO

BOLD BY DESIGN, BOLD BY NATURE

The Axl Geo range is easily recognisable thanks to its distinctive design, making it a great choice for wayfinding and illumination of pathways, park areas and congregation spaces. Available in two standard sizes, it features a specially developed prismatic glass diffuser, offering excellent light distribution alongside significant impact resistance and durability.



connect.thornlighting.com/axylgeo

CONTROLS

DALI-2 on-board

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

AREAS

Urban areas, residential, building surrounds and car parks

CHOICE

To suit the application requirements, Axl Geo is available in four colour finishes; anthracite, light grey, black and white

OPTIONAL ACCESSORIES

Anti-glare shield for enhanced visual comfort

FEATURES



554 to 600 lm



Up to 38 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25°C
L80 B10 50 000 h at 40°C



CRI 90



IP65



IK06



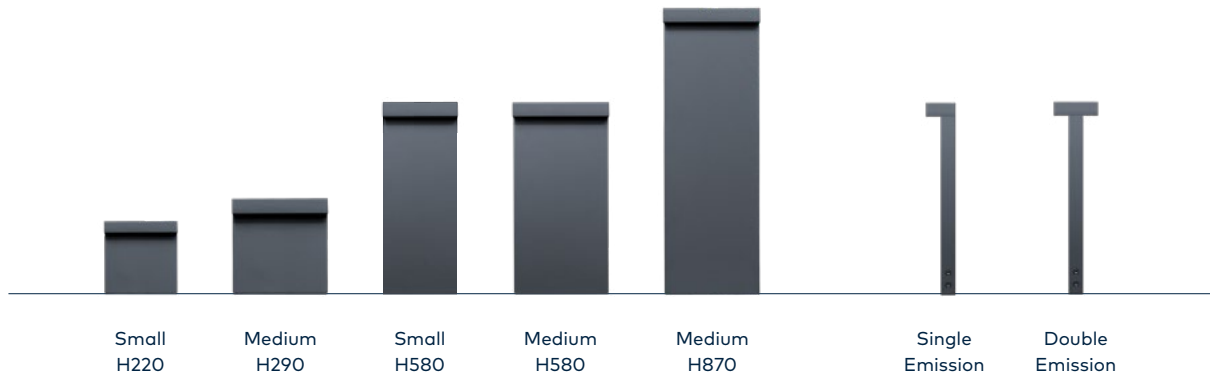
ULOR 5.5 %



AXYL GREET (B)

VISUAL IMPACT TO GUIDE THE WAY

Available as either a single or double light emission version Axl Greet boasts a toughened clear glass diffuser and the latest generation LED sources, resulting in a perfectly uniform light distribution that creates an improved perception of safety, feeling of comfort and visual interest all at once.



connect.thornlighting.com/axylgreetb

CONTROLS

DALI-2 on-board

DESIGN CONSISTENCY

Axl Greet B shares the same design ethos as Axl Greet W, offering a visually connected full application solution

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

AREAS

Residential and building surrounds, pathways

CHOICE

To suit the application requirements, Axl Greet (B) is available in four colour finishes; anthracite, light grey, black and white

FEATURES



536 to 2034 lm



Up to 58 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25°C
L80 B10 50 000 h at 40°C



CRI 90



IP65



IK06



ULOR 0%



D-CO BOLLARD

A BOLLARD WITH A TIMELESS DESIGN

The D-CO LED Bollard offers comfortable light with no glare thanks to a semi-opal anti-UV polycarbonate diffuser. The bollard is available in two heights, is suitable for flange mounting and can be fixed into a concrete base.



thornlighting.com/dcob

VISUAL COMFORT

Comfortable white light with no glare provided by a semi-opal anti-UV PC diffuser

AREAS

Urban areas, residential and building surrounds and public parks

FEATURES

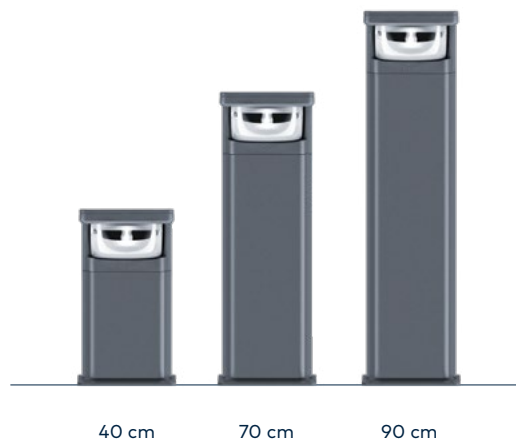
-  Up to 583 lm
-  Up to 42 lm/W
-  3000 K, 4000 K
-  L80 B10 60 000 h at 25 °C
-  CRI 80
-  IP65
-  IK10



RAZE BOLLARD

A UNIQUE LIGHTING TOOL

Raze's patented Flat Beam® grazing optical technology creates a flat, wide beam with smooth, uniform distribution that can light pathways up to 4 m wide. A high utilisation factor means minimal loss of flux, and the flat and wide light distribution makes it possible to reduce the number of product installed while still maintaining continuous illumination along a thoroughfare. Available in three heights, Raze Bollard can be used alone or in conjunction with Raze Architectural.



thornlighting.com/razb

CONTROLS

DALI, Motion Detection with Master/Slave function, LRT Light Reduction Twin Phases

PATENTED OPTICS

Raze Bollard is the perfect tool for achieving a dramatic grazing effect on facades, and smooth, uniform distribution on horizontal surfaces such as paths and cycleways. Whether vertically or horizontally focused, Raze's integrated Flat Beam® patented optic technology can reveal the texture and character of surfaces from a single installation point

AREAS

Urban areas, residential, building surrounds, public parks, and car parks

CHOICE

To suit the application requirements, Raze Bollard is available in four standard colours; anthracite, light grey, black and white

FEATURES



Up to 1150 lm



Up to 80 lm/W



2700 K, 3000 K, 4000 K



L70 B10 70 000 h at 25°C



CRI 70, 80



IP66



IK10



3 step MacAdam Ellipse



THOR BOLLARD

URBAN LIGHTING FOR THE CITIES OF TODAY AND TOMORROW

Thor Bollard is an elegant yet vandal resistant bollard with a high-performance optic, offering comfortable light, efficiency and connectivity. Available in two sizes – slim and wide – it complements the Thor family of post-top luminaires for design consistency throughout urban spaces.



thornlighting.com/adlb

CONTROLS

Bi-Power dimming and presence detection options reduce energy consumption

SMART OPTICS

Symmetric and asymmetric light distributions with the option of a decorative RGB colour band to support branding or events around the installation

AREAS

Urban areas, residential and building surrounds, public parks and car parks

FEATURES



Up to 13 500 lm



Up to 135 lm/W



3000 K, 4000 K, RGBW feature



L98 B10 100 000 h at 25 °C



CRI 70



IP66



IK10



URBA BOLLARD

THE URBA FAMILY'S DISTINCTIVE, DESIGN-LED BOLLARD

The stylish DarkSky approved Urba Bollard perfectly complements its versatile siblings, Urba and Urba Deco, for a contemporary yet robust luminaire that integrates easily into urban environments. With 0 % ULOR and an asymmetric optic to minimise glare.



thornlighting.com/urbb

LIGHT DISTRIBUTION

Asymmetric light output excellent for wayfinding applications with minimal backward light

AREAS

Urban areas, residential, building surrounds, public parks and car parks

DARK SKY APPROVED

Urba Bollard holds DarkSky International's seal of approval for CCTs of 3000 K and warmer

FEATURES



Up to 1110 lm



Up to 74 lm/W



3000 K, 4000 K



L98 B10 100 000 h at 25 °C



CRI 70



IP65



IK10



ULOR 0.5 % and asymmetric optic

LINEAR, WALL, SURFACE AND RECESSED

From the everyday to the extraordinary, provide the right light for the right environment. Our comprehensive choice of luminaires are designed to bring building exteriors and surrounds to life, improving safety and orientation, complementing architecture, and making an impact.

A range of connectivity options, innovative beam angles and lit effects, dynamic colour controls and elegant design-focused luminaires that will be the finishing touch for any lighting scheme.



Facades and monuments



Public parks



Residential and building surrounds



Stadiums and arenas



Stairways



Urban areas



Window reveal

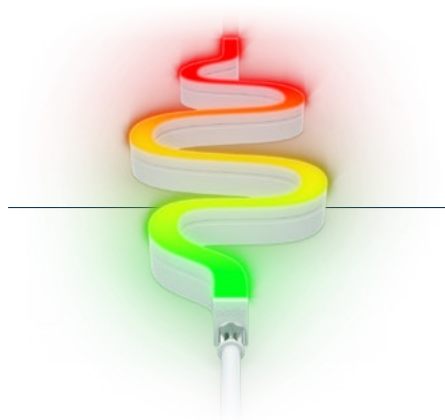
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MYSTRID FLEX

FLEXIBLE LINES OF LIGHT

Mystrid Flex linear LED luminaires provide dot-free, continuous, clean lines, end to end mounting and a seamless lit appearance for facades, building surrounds, architectural details and outdoor furniture. The linear lighting system is available in two bending directions, top and side bend, and is made using high-grade silicone to provide long-lasting performance.



connect.thornlighting.com/mystridflex

CONTROLS

DALI, DMX

LIGHT QUALITY

Best in class light quality and high colour consistency – 2 step MacAdam Ellipse

AREAS

Facades, urban areas, residential and building surrounds, public parks, stadiums and arenas

FLEXIBLE

Mystrid Flex offers multiple colour options with Mono White, RGBW and Dynamic White. As well as being available across different lengths to suit the project, Mystrid Flex can be cut on site for maximum flexibility and choice

FEATURES



270 to 1024 lm/m



Up to 70 lm/W



2700 K, 3000 K, 4000 K, RGBW, Dynamic White



L70 50 000 h at 25 °C



CRI 90



IP67



IK07



EROA

A FAMILY OF LED LINEAR LUMINAIRES SPECIFICALLY DEVELOPED TO MAXIMISE VISUAL COMFORT

Eroa offers a homogenous lit effect with no scalloping, providing an even wash of light that is maintained when luminaires are installed end to end.

Eroa comes with a range of accessories, including internal louvre and anti-glare films, to further improve visual comfort and reduce glare.



connect.thornlighting.com/eroa

CONTROLS

Non-Dim (On/Off),
DALI, DMX

VISUAL COMFORT AND QUALITY

With a deep recessed LED, the light source is recessed into the body of the luminaire to provide a primary level of glare control

There's a choice of anti-glare accessories to maximise visual comfort and tune the accessory to the application

Best in class light quality and high colour consistency – 2 step MacAdam Ellipse

AREAS

Facades, urban areas, residential and building surrounds, stadiums and arenas

FEATURES



440 to 6724 lm



Up to 83 lm/W



2700 K, 3000 K, 4000 K,
RGBW (3000 K)



L80 60 000 h at 50 °C
L80 60 000 h at 25 °C



CRI 80



IP66 (Si & Sx)
IP67 (LRi)



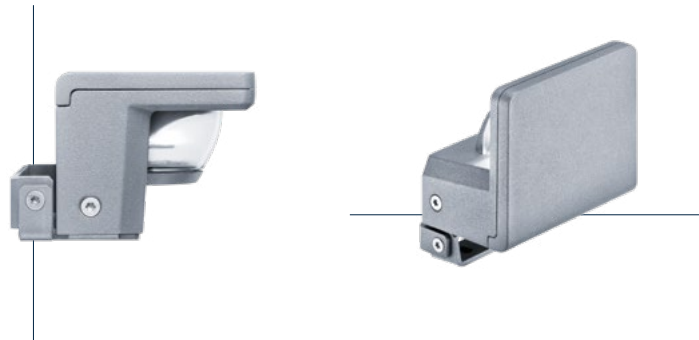
IK09



RAZE ARCHITECTURAL

A VEIL OF LIGHT

Raze's patented Flat Beam® grazing optical technology creates a flat, wide beam with smooth, uniform distribution. Raze can be installed almost anywhere, mounted horizontally, vertically or at any angle, to graze all kinds of surfaces. A high utilisation factor means minimal loss of flux, and the flat and wide light distribution makes it possible to reduce the number of product installed while still maintaining continuous illumination. Raze Architectural can also be used in conjunction with Raze Bollard.



thornlighting.com/raza

CONTROLS

DALI on-board for large variants,
DALI remote driver available for
small size (IP20 and IP65 drivers)

VISUAL QUALITY

Raze Architectural is the perfect tool for
achieving a dramatic grazing effect on
facades while ensuring high uniformity

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

An internal louvre is available in the
large size to reduce lateral glare

AREAS

Residential, building surrounds and facades

CHOICE

To suit the application requirements, Raze
Architectural is available in four standard
colours; anthracite, light grey, black and
white and two sizes (small and large)

FEATURES



Up to 1700 lm



Up to 80 lm/W



2700 K, 3000 K, 4000 K



Up to L70 100 000 h at 25 °C



CRI 80



IP66



IK08, IK10



AXYL ETCH

SET THE SCENE

Available in a choice of static white or RGBW, Axyl Etch features an optic specifically developed to provide optimum light distribution for accent lighting or window reveal applications. Thanks to its small size combined with high performance, Axyl Etch emits a narrow but powerful beam of light to emphasise the features, angles and curves of large apertures.



connect.thornlighting.com/axyletch

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range,
RDM-DMX for Axyl Etch RGBW

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

Axyl Etch uses only one LED and its
application specific linear optic provides
a narrow and uniform 170° x 10° beam

AREAS

Residential and building surrounds
and window reveal

CHOICE

To suit the application requirements,
Axyl Etch is available in four
standard colour finishes; anthracite,
black, light grey and white

FEATURES



White: 171 to 208 lm
RGBW: 58 lm



Up to 44 lm/W



2700 K, 3000 K, 4000 K,
RGBW (W = 3000 K)



L80 B10 70 000 h at 25°C
L80 B10 50 000 h at 40°C



CRI 80



IP65



IK10



170° x 10°



32-12

HARBOUR
ROCKS
HOTEL
SALES
OFFICE

CAFE OPEN
THE VINTAGE
Dinner 6:00-10:00
Tapas
Live Music
Beer, wine

Duchale

CESAR AMP

A CIRCULAR WALL OR CEILING MOUNTED LUMINAIRE FOR LARGE COVERED AREAS AND GENERAL BUILDING SURROUNDS

Cesar Amp's light engine is recessed within the luminaire offering optimised glare control and visual comfort across both single and double light emissions.

The family includes three sizes for both wall and ceiling types.

Ceiling version
Small, Medium, Large



Wall version
Small, Medium, Large
Downlight only or Up and Downlight Version



connect.thornlighting.com/cesaramp

CONTROLS

DALI-2 on-board for large size,
DALI-2 remote driver available for
small and medium sizes,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building surrounds

CHOICE

To suit the application requirements,
Cesar Amp is available in four
standard colour finishes; anthracite,
black, light grey and white

FEATURES



430 to 5222 lm



Up to 80 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK08



ULOR 0 % (downward variants)



AXYL GLOW

ELEGANCE MEETS VISUAL COMFORT

Axyl Glow is available in small, medium and large sizes with either a single (downlight) or double (up and down) light emission. Manufactured using water jet cutting technology, the decorative glass diffuser offers a soft and diffused lighting effect.



Small (60 mm width)
Single or Double Emission



Medium (90 mm width)
Single or Double Emission



Large (140 mm width)
Single or Double Emission



connect.thornlighting.com/axylglow

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building surrounds

CHOICE

To suit the application requirements,
Axyl Glow is available in four
standard colour finishes; anthracite,
black, light grey and white

FEATURES



71 to 1026 lm



Up to 35 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK06



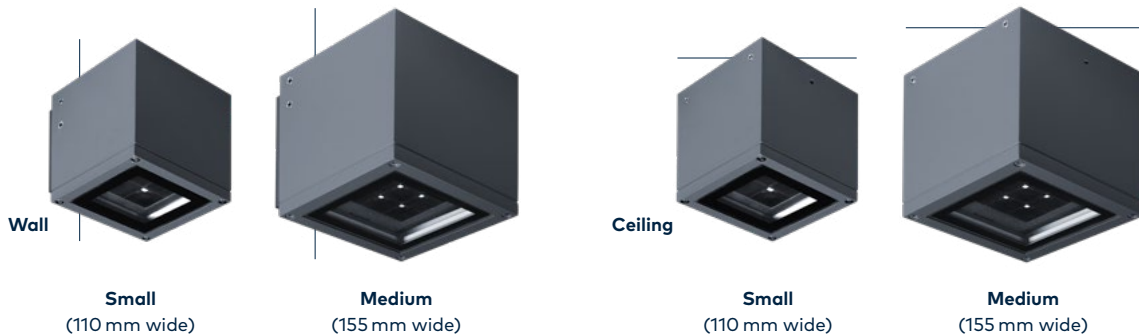
ULOR 0 % (downward variants)



AXYL ECHO

SUBTLE IN PRESENCE, BOLD IN VERSATILITY

Axyl Echo is a series of wall and ceiling mounted luminaires with a clean, minimalist aesthetic. With multiple beam options, adjustable optics and low-glare performance, it offers flexible lighting for a wide range of applications, including paths, walkways, canopies and facades.



connect.thornlighting.com/axylecho

CONTROLS

DALI-2 on-board for Medium Size,
DALI-2 remote driver for Small Size,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential, building surrounds
and facades

CHOICE

To suit the application requirements,
Axyl Echo Wall & Ceiling is available
in four standard colour finishes:
anthracite, black, light grey and white

FEATURES



347 to 1697 lm



Up to 81 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 90



IP65



IK06



ULOR 0 %



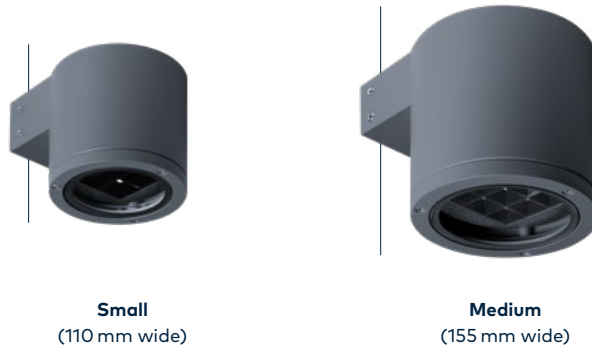
Corrosion resistance class C3



CESAR ECHO WALL

QUIET BY DESIGN, BRILLIANT IN PERFORMANCE

Cesar Echo is a collection of cylindrical wall mounted luminaires, defined by a refined, minimalist design and suited to both indoor and outdoor applications. With three available beam angles, the range provides flexibility to achieve both focused accent lighting and broader illumination. A comfort optic delivers excellent visual comfort with minimal glare.



connect.thornlighting.com/cesarecho

CONTROLS

DALI-2 on-board for Medium Size,
DALI-2 remote driver for Small Size,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential, building surrounds
and facades

CHOICE

To suit the application requirements,
Cesar Echo Wall is available in four
standard colour finishes: anthracite,
black, light grey and white

FEATURES



347 to 1697 lm



Up to 81 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 90



IP65



IK06



ULOR 0 %



Corrosion resistance class C3



CESAR DOT

MAKE DETAILS MATTER

Cesar Dot is the small but versatile luminaire family that provides recessed accent lighting with in-ground, wall or ceiling mounting options. Highlight architectural details, mark walkways, illuminate staircases and steps, or emphasise objects and features: with a choice of luminaire sizes, beam angles and colour temperatures, Cesar Dot's compact design offers powerful, flexible performance.



Small
(45 mm wide)



Medium
(60 mm wide)



connect.thornlighting.com/cesardot

CONTROLS

On/Off or DALI-2 remote driver

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

AREAS

Residential, building surrounds, stairways, parks and plazas

CHOICE

Cesar Dot is available in three mounting types: in-ground walk-over, wall-recessed and ceiling-recessed. Dedicated optics for each mounting type, including a choice of three beam angles for Cesar Dot In-Ground and an asymmetric beam for Cesar Dot Wall.

OPTIONAL ACCESSORIES

Recessed box and fixing kit available for a truly recessed finish

FEATURES



11 to 153 lm



Up to 80 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 90



IP65/IP67



IK08



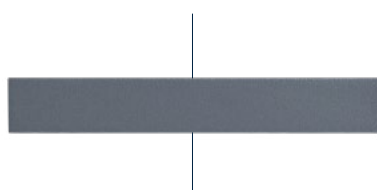
Corrosion resistance class C3



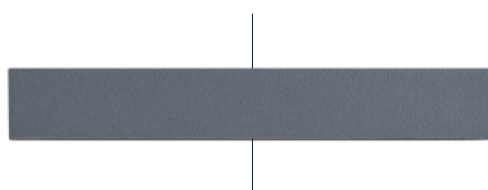
AXYL GREET WALL

STRENGTH AND BEAUTY IN VERSATILITY

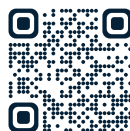
Available as either downlight only or uplight and downlight, Axyl Greet (W) is the perfect solution for illuminating entrances and pathways. A toughened glass diffuser and next generation LED source ensures Axyl Greet emits a perfectly uniform light distribution.



Medium
(220 mm wide)



Large
(290 mm width)



connect.thornlighting.com/axylgreetw

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

DESIGN CONSISTENCY

Axyl Greet W shares the same design
ethos as Axyl Greet B offering a visually
connected full application solution

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building surrounds

CHOICE

To suit the application requirements,
Axyl Greet W is available in four
standard colour finishes; anthracite,
black, light grey and white

FEATURES



536 to 2034 lm



Up to 70 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK06



ULOR 0 % (down variants)



AXYL GILD

CHOICE AS STANDARD

Axyl Gild is an aesthetically pleasing wall luminaire which blends perfectly into the environment and is available across multiple beam angles. The use of a reflector combined with a special lens offers narrow and perfectly defined beams of light on the wall.



connect.thornlighting.com/axylgild

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building
surrounds and facades

CHOICE

To suit the application requirements,
Axyl Gild is available in four
standard colour finishes; anthracite,
black, light grey and white

FEATURES



36 to 1268 lm



Up to 65 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 80 (small version),
CRI 90 (medium and large)



IP65



IK06



ULOR 0 % (down variants)



CESAR JAZZ

A SYMPHONY OF LIGHT

Cesar Jazz mixes a high performance COB LED with multiple beam angles to add interest to any building or space. Toughened glass optic technology means sharp and precise light distribution, adding visual appeal to any building surround application.



connect.thornlighting.com/cesarjazz

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building
surrounds and facades

CHOICE

To suit the application requirements,
Cesar Jazz is available in four
standard colour finishes; anthracite,
black, light grey and white

FEATURES



63 to 370 lm



Up to 20 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK10



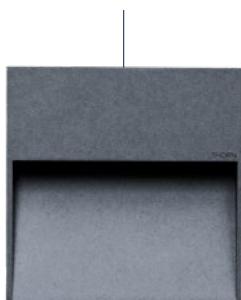
ULOR 0 % (downward variants)



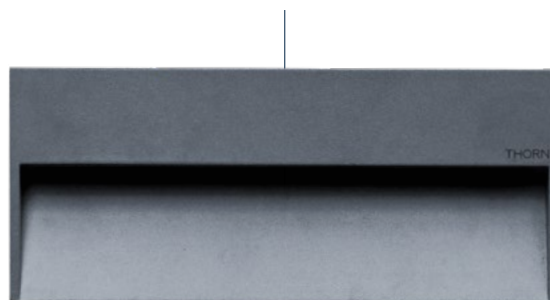
AXYL STRIDE

A TOUCH OF RECESSED MAGIC

At only 30 mm thickness, Axl Stride appears to be recessed in the wall, when in fact it boasts the ease of installation of a surface mounted luminaire. Axl Stride possesses excellent asymmetric light distribution and complete glare control. For a true recessed solution, the recessed box accessory and fixing kit is available.



Square (Small)
200 mm (W) x 200 mm (H)



Rectangular (Large)
270 mm (W) x 200 mm (H)



connect.thornlighting.com/axylstride

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building
surrounds and stairways

CHOICE

To suit the application requirements,
Axl Stride is available in four
standard colour finishes; anthracite,
black, light grey and white

OPTIONAL ACCESSORIES

Recessed box and fixing kit available
for a truly recessed finish

FEATURES



360 to 425 lm



Up to 40 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK08



ULOR 2.5 %



CESAR STRIDE

A TOUCH OF RECESSED MAGIC

At only 30 mm thickness, Cesar Stride appears to be recessed in the wall when in fact it boasts the ease of installation of a surface mounted luminaire. Cesar Stride possesses excellent asymmetric light distribution and complete glare control. An optional recessed box and fixing kit provides the option of mounting completely flush with the wall.



connect.thornlighting.com/cesarstride

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential, building surrounds
and stairways

CHOICE

To suit the application requirements,
Cesar Stride is available in four
standard colour finishes; anthracite,
black, light grey and white

OPTIONAL ACCESSORIES

Recessed box and fixing kit available
for a truly recessed finish

FEATURES



355 to 388 lm



Up to 40 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25°C
L80 B10 50 000 h at 40°C



CRI 90



IP65



IK08



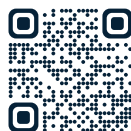
ULOR 4 %



AXYL TRIM

A TOUCH OF CLASSIC RECESSED LIGHTING

Available in rectangular or square shape across a range of trim finishes, Axyl Trim is an excellent solution for wayfinding applications, supporting navigation through outdoor areas and stair treads. The range is available with opal diffused lit effect or, for a dark sky sensitive solution, an asymmetric light distribution with optional grid louvre and baffle accessories.



connect.thornlighting.com/axyltrim

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Residential and building
surrounds, stairways

CHOICE

To suit the application requirements,
Axyl Trim is available in four
standard colour finishes; anthracite,
black, light grey and white

ACCESSORIES

Recessed box and fixing kit

FEATURES



21 to 530 lm



Up to 50 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65



IK06



ULOR 1.5 % (performance trim),
2.5 % (grid trim), 4 % (baffle trim)



CESAR BOW

ELEGANCE WITH EASE

A surface-mounted, non-walkover LED uplight, Cesar Bow provides high-performance illumination without the need for recessing or drainage. It is ideal for lighting architecture and greenery, providing a grazing light for bushes, trees and vertical surfaces such as walls or columns. The thin profile of its housing creates the illusion of a recessed luminaire, and, with no visible screws, Cesar Bow has a sleek, streamlined aesthetic.



connect.thornlighting.com/cesarbow

CONTROLS

DALI-2 remote driver

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

OPTIONAL ACCESSORIES

Ground Spike available

AREAS

Residential, building surrounds and facades

CHOICE

To suit the application requirements, Cesar Bow is available in four standard colour finishes: anthracite, black, light grey and white

FEATURES

-  658 to 1888 lm
-  Up to 104 lm/W
-  2700 K, 3000 K, 4000 K
-  L80 B10 70 000 h at 25 °C
-  CRI 90
-  IP65/IP67
-  IK07 (small size)
IK09 (medium size)
-  Corrosion resistance class C3



CESAR EDGE

DEFINE THE WAY FORWARD

Cesar Edge is a surface-mounted luminaire that delivers a refined grazing light effect, eliminating the need for a recessed box. Perfect for paths and walkways, bike paths, plazas, promenades and driveways, this drive-over compatible luminaire is available in two sizes, 185 mm or 235 mm, and with one-, two- or four-window configurations, providing versatility for a range of lighting scheme concepts.



1 window



2 window (90°)



2 window (180°)



4 window



connect.thornlighting.com/cesaredge

CONTROLS

DALI-2 remote driver available,
Non-Dim (On/Off) available
across the entire range

LIGHT QUALITY

Best in class light quality and high colour
consistency – 3 step MacAdam Ellipse

AREAS

Building surrounds, parks and plazas

CHOICE

To suit the application requirements,
Cesar Edge is available in four
standard colour finishes: anthracite,
black, light grey and white

OPTIONAL ACCESSORIES

Recessed box and fixing kit available
for drive-over applications

FEATURES



36 to 205 lm



Up to 34 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 80



IP65/IP67



IK10



ULOR 24 – 36 %



Corrosion resistance class C3



AXYL OPERA (WALK OVER)

LIFE IN COLOUR

Axyl Opera is a walk-over in-ground recessed luminaire available in a square shape, four sizes and a range of beam angles, from soft diffused light to narrow and asymmetrical distributions. A wide beam option is also available, supported by a double inner reflector and COB LED for enhanced visual comfort. Tilttable optics and light engines provide added flexibility, allowing the lighting effect to be fine-tuned on site. Axyl Opera L is also available with an advanced 5D Beam, using liquid-crystal technology for precise electronic beam shaping and adjustment.

					
Narrow Beam	Medium Beam	Asymmetric Beam	Wide Beam	RGBW (Medium Beam)	5D Beam
Available for sizes: Small (12°) Medium (12°) Large (11°) Extra Large (11°)	Available for sizes: Medium (31°) Large (25°) Extra Large (29°)	Available for sizes: Medium Large Extra Large	Available for sizes: Small (91°) Medium (81°) Large (80°) Extra Large (85°)	Available for sizes: Large (25°) Extra Large (34°)	Available for size: Large



connect.thornlighting.com/axylopera

CONTROLS

DALI-2 (Remote driver) available for small and medium sizes, DALI-2 on-board for large and extra large variants, Non-Dim (On/Off) available across the entire range

LIGHT QUALITY AND PRECISION

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

5° or 15° light engine tilt to focus lit effect on site

5D Beam uses liquid-crystal lens technology to electronically shape and adjust the beam with precision

AREAS

Facades, urban areas, residential and building surrounds and public parks

CHOICE

To suit the application requirements, Axyl Opera (Walk over) is available in five standard colour finishes: anthracite, black, light grey, white and stainless steel

A SPLASH OF COLOUR

As well as being available in CRI 90 (2700 K, 3000 K and 4000 K), Axyl Opera large and extra large variants are available in RGBW (Medium Beam option) meaning a splash of colour can be added to any scheme

FEATURES



19 to 2790 lm



Up to 85 lm/W



2700 K, 3000 K, 4000 K, RGBW



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP67



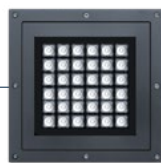
IK09



AXYL OPERA (DRIVE OVER)

LIGHTING IN PERFECT HARMONY

Need a drive-over in-ground recessed luminaire? No problem, Axl Opera is here. Axl Opera Drive Over features a shallow recessing depth, an aluminium front bezel, high mechanical resistance mixed with excellent lighting performance and tiltable optics. Axl Opera drive over is available in XL version across three different beam angles including narrow, medium and asymmetric.



Extra Large
(Narrow Beam and
Asymmetric Beam)



Extra Large
(Medium Beam)



connect.thornlighting.com/axyloperad

CONTROLS

DALI-2 on-board

LIGHT QUALITY AND PRECISION

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

5° or 15° light engine tilt to focus lit effect on site

AREAS

Facades, urban areas, residential and building surrounds

CHOICE

To suit the application requirements, Axl Opera (Drive Over) is available in four standard colour finishes: anthracite, black, light grey and white

FEATURES



2550 to 5150 lm



Up to 88 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP65/IP67



IK10



Corrosion resistance class C3



A NOS MÉRITS
PÉRIE EN MER

CESAR OPERA (WALK OVER)

PAINT THE TOWN

Cesar Opera is a range of in-ground walk over luminaires perfect for urban areas, residential projects and public parks. Cesar Opera Walk Over is available in four sizes and four different beam angles. A wide beam angle is also available thanks to Cesar Opera's comfortable double inner reflector and recessed LED light engine. Tilttable optics and light engines provide added flexibility, allowing the lighting effect to be fine-tuned on site. Cesar Opera Walk Over Large is also available with an advanced 5D Beam, using liquid-crystal technology for precise electronic beam shaping and adjustment.



Narrow Beam
Available for sizes:
Small (12°)
Medium (12°)
Large (11°)
Extra Large (11°)



Medium Beam
Available for sizes:
Medium (31°)
Large (25°)
Extra Large (29°)



Asymmetric Beam
Available for sizes:
Medium
Large
Extra Large



Wide Beam
Available for sizes:
Small (91°)
Medium (70°)
Large (79°)
Extra Large (85°)



RGBW (Medium Beam)
Available for sizes:
Large (34°)
Extra Large (34°)



5D Beam
Available for sizes:
Large



connect.thornlighting.com/cesaroperaw

CONTROLS

DALI-2 (Remote driver) available for small and medium sizes, DALI-2 on-board for large and extra large variants, Non-Dim (On/Off) available across the entire range

LIGHT QUALITY AND PRECISION

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

5° or 15° light engine tilt to focus lit effect on site

AREAS

Facades, urban areas, residential and building surrounds

CHOICE

To suit the application requirements, Cesar Opera (Walk Over) is available in five standard colour finishes: anthracite, black, light grey, white and stainless steel

A SPLASH OF COLOUR

As well as being available in CRI 90 (2700 K, 3000 K and 4000 K), Cesar Opera (Walk Over) large and extra large variants are available in RGBW (Medium Beam option) meaning a splash of colour can be added to any scheme

FEATURES



19 to 2790 lm



Up to 85 lm/W



2700 K, 3000 K, 4000 K, RGBW



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP67



IK09



CESAR OPERA (DRIVE OVER)

LIGHTING IN PERFECT HARMONY

A range of in-ground drive over luminaires, Cesar Opera features a shallow recessing depth, a stainless steel front bezel, high mechanical resistance mixed with excellent lighting performance and tiltable optics. With options including recessed light engine and cross louvres for excellent glare control making it the perfect option for applications requiring a discreet marker light through to a high power grazing solution.



Narrow Beam

Available for sizes:
Small (12°)
Medium (12°)
Large (11°)
Extra Large (11°)



Medium Beam

Available for sizes:
Medium (31°)
Large (25°)
Extra Large (29°)



Asymmetric Beam

Available for sizes:
Medium
Large
Extra Large



Wide Beam

Available for sizes:
Small (91°)
Medium (70°)
Large (79°)
Extra Large (85°)



connect.thornlighting.com/cesaroperad

CONTROLS

DALI-2 (Remote driver) available for small and medium sizes, DALI-2 on-board for large and extra large variants, Non-Dim (On/Off) available across the entire range

LIGHT QUALITY AND PRECISION

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

5° or 15° light engine tilt to focus lit effect on site

AREAS

Facades, urban areas, residential and building surrounds

ROBUST

Robust solution with maximum load capacity of 5000 kg at 30 km/h for drive over applications and certified to EN 60598-2-13 both static and dynamic load testing

FEATURES



19 to 2790 lm



Up to 85 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C
L80 B10 50 000 h at 40 °C



CRI 90



IP67



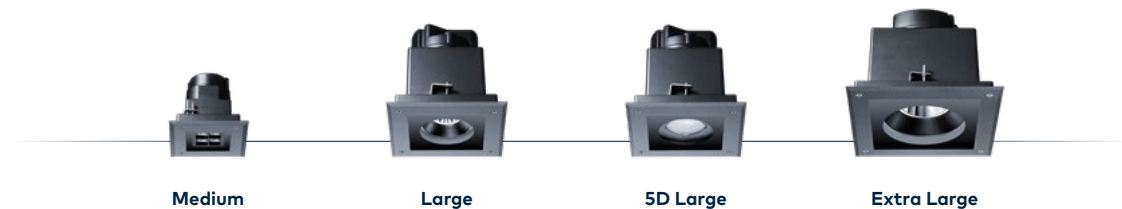
IK10



AXYL OPERA CEILING

HARMONY IN LIGHT

Axyl Opera Ceiling is a family of square-edged, recessed ceiling-mounted luminaires designed for downlighting in outdoor environments, including canopies and building surrounds. The range incorporates the latest generation of comfort-optimised optics, featuring double internal aluminium reflectors that minimise glare and improve efficiency. Tilttable optics and light engines provide added flexibility, allowing the lighting effect to be fine-tuned on site. Axyl Opera Ceiling Large is also available with an advanced 5D Beam, using liquid-crystal technology for precise electronic beam shaping and adjustment.



connect.thornlighting.com/axyloperac

CONTROLS

DALI-2 (Remote driver) available for medium size, DALI-2 on-board for large and extra large variants, Non-Dim (On/Off) available across the entire range

LIGHT QUALITY AND PRECISION

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

5° or 15° light engine tilt to focus lit effect on site

AREAS

Facades, canopies and building surrounds

CHOICE

To suit the application requirements, Axyl Opera Ceiling is available in five standard colour finishes: anthracite, black, light grey, white and stainless steel

FEATURES



348 to 2890 lm



Up to 95 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 90



IP65



IK09



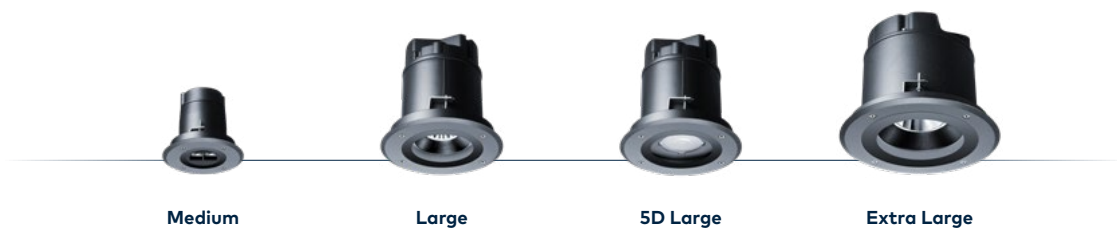
Corrosion resistance class C3



CESAR OPERA CEILING

HARMONY IN LIGHT

Cesar Opera Ceiling is a family of recessed, circular ceiling-mounted luminaires designed for downlighting in outdoor environments, including canopies and building surrounds. The range incorporates the latest generation of comfort-optimised optics, featuring double internal aluminium reflectors that minimise glare and improve efficiency. Tiltable optics and light engines provide added flexibility, allowing the lighting effect to be fine-tuned on site. Cesar Opera Ceiling Large is also available with an advanced 5D Beam, using liquid-crystal technology for precise electronic beam shaping and adjustment.



connect.thornlighting.com/cesaroperac

CONTROLS

DALI-2 (Remote driver) available for medium size, DALI-2 on-board for large and extra large variants, Non-Dim (On/Off) available across the entire range

LIGHT QUALITY AND PRECISION

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

5° or 15° light engine tilt to focus lit effect on site

AREAS

Facades, canopies and building surrounds

CHOICE

To suit the application requirements, Cesar Opera Ceiling is available in five standard colour finishes: anthracite, black, light grey, white and stainless steel

FEATURES



245 to 2890 lm



Up to 95 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 90



IP65



IK09



Corrosion resistance class C3



AXYL FLOOD

ILLUMINATE WITH SUBTLE STYLE

A minimal look meets maximum performance in Axl Flood's discreet form and high impact illumination. The slim fixture provides a thoughtful-design solution for floodlighting and façade lighting applications – and the refined aesthetic makes it ideal for indoor use as well. With options for ground, wall and pole mounting, Axl Flood offers excellent versatility. It is suitable for both direct and indirect lighting, and 90° tilting adds further possibilities for lighting configurations.



Small
(220 mm wide)



Medium
(320 mm wide)



connect.thornlighting.com/axylflood

CONTROLS

DALI-2 integrated

LIGHT QUALITY

Best in class light quality and high colour consistency – 3 step MacAdam Ellipse

AREAS

Residential and building surrounds, urban spaces, facades

CHOICE

To suit the application requirements, Axl Flood is available in four standard colour finishes: anthracite, black, light grey and white

ACCESSORIES

Spike and pole mounted interface available

FEATURES



2037 to 5052 lm



Up to 127 lm/W



2700 K, 3000 K, 4000 K



L80 B10 70 000 h at 25 °C



CRI 90



IP66



IK09



ULOR 0 %



Corrosion resistance class C3



EYEKON

ENERGY EFFICIENT, ROBUST AND IMPACT RESISTANT

EyeKon provides energy efficient illumination via a range of robust, vandal resistant bulkheads. Choose from various lumen packages, sizes, designs and mounting options (ceiling, wall or bollard) to suit every exterior lighting scheme.



Bezel



Cross



Halo



Visor



Bollard



thornlighting.com/eykl

CONTROLS

Fixed output (HF),
DALI dimmable (HFIX),
Microwave Sensor (MWS)

Presence detection that will switch on when sensor is activated, illuminating the area

Corridor function that will dim to 10 % and switch to 100 % when the area is occupied, thus maximising energy savings

AREAS

Residential and building surrounds

CHOICE

To suit the application requirements, EyeKon is available in four standard colours; anthracite silver, black and white, two sizes (small and large) and four different decorative designs (bezel, cross, halo, visor) and opal or clear polycarbonate diffuser

FEATURES



400 to 1575 lm



Up to 110 lm/W



3000 K, 4000 K



Up to L90 50 000 h at 25 °C



CRI 80



IP65



IK10



PIAZZA 3

LEAD THE WAY WITH HIGH-PERFORMANCE PERIMETER LIGHTING

Beneath Piazza's stylish exterior lies both flexibility and precision. This wall-mounted luminaire features a choice of three lumen outputs and a specialised optic for optimal perimeter wall and pathway lighting. With a high-efficiency LED light engine and precise light distribution, Piazza delivers high-level exterior illumination whilst maximising energy savings and protecting dark skies.



thornlighting.com/pia3

CONTROLS

Fixed output (HF),
DALI dimmable (HFX)

Emergency for UK Market

OPTIC TECHNOLOGY

Unique light distribution with 3 metre
forward light throw and 12 metre spacing
– ideal for building perimeter walkways

AREAS

Building surrounds, pathways and
dark sky sensitive applications

FEATURES



1690 lm, 2700 lm



Up to 130 lm/W



2700 K, 3000 K, 4000 K



Up to L80 B50 60 000 h at 25 °C



CRI 80



IP65



IK10



ULOR < 2.5 %

FUNCTIONAL ROAD LANTERNS

Whether your priority is energy efficiency, performance, connectivity, cost-saving or style, with Thorn's range of functional road lanterns, you don't need to compromise. Our offering includes ideal solutions for both new road lighting schemes and refurbishment projects, from urban streets to major highways, with extensive options for customisation and connectivity to suit the needs of municipalities, local authorities and private schemes alike.

Lead the way in sustainability with our range of DarkSky Approved luminaires and Thorn's proprietary NightTune technology, helping you ensure environmentally and ecologically responsible illumination.



Parking



Pedestrian and
cycle paths



Roads



Town and
city centres



Transportation



Urban and
residential
streets

ISARO	274
ISARO PRO	276
R2L2	278
ORUS PRO	280
OXANE	282



ISARO

DURABLE, DISCREET EFFICIENCY

Much more than a high-quality, optimised lantern, Isaro cost-effectively supports cities' long-term efficiency and smart lighting strategies through its numerous light distributions and control options. Available in two sizes and with the latest generation of LED modules, Isaro is designed to maximise lighting performance and optimise circular economy strategies while limiting its carbon footprint.



thornlighting.com/islc

CONTROLS

Smart: Zhaga interface Up (ZU) or Down (ZD), Pre-programmed dimming: Bi-Power or multi-step dimming (BP), DALI: DALI-2 Dimmable (HFX), Light Reduction Twin line phases (LRT), Bi-Power Line switch (BPL), Nema 7 pins (N7)

FIT FOR PURPOSE

A perfect combination of performance, robustness and serviceability, including a wide range of lighting distributions and optional tool-free opening

DARK SKY APPROVED

Isaro is a DarkSky International approved lantern at 3000 K and warmer CCTs

FEATURES



Extra small size: Up to 8000 lm (4000 K), Small size: Up to 14 500 lm (4000 K)



2200 K, 2700 K, 3000 K, 4000 K, 5700 K



L95 B10 100 000 h at 25 °C



IP66



IK08 / IK10



Corrosion resistance class C5



ULOR 0 %



ISARO PRO

PERFORMANCE THAT'S BUILT TO LAST

This robust and high-performance LED lantern brings comfort and safety to any road or street. Incorporating many different control solutions, Isaro Pro saves energy and provides light only when and where it is needed.

Combined with contractor-friendly features, such as tool-free opening and automatic disconnect, and a lifetime of up to 100 000 hours, Isaro Pro guarantees reliable, efficient performance for years to come.



Isaro Pro (Small)



Isaro Pro (Medium)



thornlighting.com/isrp

CONTROLS

Smart: Zhaga D4i certified Up and Down (ZU / ZD / ZUD),
Pre-programmed dimming: Bi-Power or multi-steps dimming (BP),
DALI: DALI-2 Dimmable (HFX), Light Reduction Twin line phases (LRT), Bi-Power Line switch (BPL), Nema 7 pins (N7)

OPTIC CHOICE

Isaro Pro features the best in class optical performance of the R-PEC optic. R-PEC offers > 20 precise light distributions, achieving wide column spacing, excellent uniformity plus no waste or obtrusive light

DARK SKY APPROVED

Isaro Pro is a DarkSky International approved lantern at 3000 K and warmer CCTs

REFURBISHMENT

Upgrading of the optic and control gear can be performed on site where required allowing for future refurbishment

FEATURES



Small: Up to 14 000 lm (4000 K)
Medium: Up to 23 500 lm (4000 K)



2200 K, 2700 K, 3000 K,
4000 K, 5700 K



Up to L98 100 000 h at 25 °C



IP66



IK09



Corrosion resistance class C5



Tool-free opening



ULOR 0 %



R2L2

ROAD LIGHTING THAT EXCELS FOR ALL APPLICATIONS

R2L2 comprises of a family of three sizes with an extensive choice of lumen outputs and light distributions, making it suitable for all kinds of road lighting applications from high-speed motorways and highways to local roads and pedestrian crossings. Its universal and integrated spigot offers full flexibility through top and side entry, as well as tilt adjustment and tool-free top opening. As well as maximising energy savings by reducing energy wastage, R2L2's lighting controls will extend the LED lifetime and, in turn, reduce maintenance requirements.



thornlighting.com/r2l2

CONTROLS

Smart: Zhaga D4i certified
Up & Down (ZU / ZD / ZUD),
Pre-programmed dimming: Bi-Power
or multi-steps dimming (BP),
DALI: DALI-2 Dimmable (HFX), Light
Reduction Twin line phases (LRT),
Bi-Power Line switch (BPL), Nema 7
pins (N7), Integral mini photocell (PM)

NIGHTTUNE

NightTune capabilities up to 30 000 lm
for large streets and roads, mindful
of safe lighting during after-dark
traffic and artificial light impact on
nocturnal fauna at the same time

DARK SKY APPROVED

Isaro Pro is a DarkSky International
approved lantern at 3000 K and
warmer CCTs

FEATURES



Extra small: Up to 14 000 lm
Small: Up to 14 500 lm
Medium: Up to 34 000 lm



2700 K, 3000 K, 4000 K, 5700 K



L95 B10 100 000 h at 25 °C



IP66



IK08



Corrosion resistance class C5



Tool-free opening



ULOR 0 %



ORUS PRO

LOW-LEVEL MOUNTING THAT LEADS THE WAY

Orus Pro combines Thorn's clever Flat Beam® technology with an upgraded luminaire housing for a low-level mounted solution that lights roads effectively with excellent visual comfort, meeting rigorous lighting safety standards. Available in stirrup-mounted or bollard variants, Orus Pro delivers high-performance, uniform illumination without compromise.



thornlighting.com/orup

CONTROLS

Smart: Zhaga D4i certified Up and Down (ZU / ZD / ZUD),
Pre-programmed dimming: Bi-Power or multi-steps dimming (BP),
DALI: DALI-2 Dimmable (HFX), Light Reduction Twin line phases (LRT), Bi-Power Line switch (BPL), Nema 7 pins (N7)

FLAT BEAM® TECHNOLOGY

Thorn's Flat Beam® optical system delivers a very sharp and controlled light distribution while optimising lamp efficiency. Positioning the optical light engine below the eye line results in excellent visual comfort and eliminates glare, and the uniform light distribution enables the driver to clearly perceive the road surface. The precise light distribution also prevents backlight and reduces spill light, illuminating only what is needed.

FEATURES



Up to 2800 lm



2200 K, 2700 K, 3000 K, 4000 K



L90 70 000 h at 25 °C



IP66



IK10



Corrosion resistance class C5



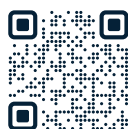
< 6 % (Standard)
< 3 % (U3 option)



OXANE

CLASSIC STYLE, MODERNISED

Oxane provides the ideal replacement solution for HID lanterns. Its classic ovoid shape retains a similar look and feel while benefiting from LED technology and a perfectly integrated spigot which seamlessly adapts the lantern to be installed on existing columns. Oxane delivers robust, smart and adaptive lighting to cover all peri-urban modern needs.



thornlighting.com/oxa2

CONTROLS

Connection and control is via Zhaga socket, with Zhaga sockets available facing Up, Down, and in combination with both as Zhaga Up/Down. Thorn UrbaSens CMS (Central Management System), or other DALI based CMS*, can be connected through the NEMA or Zhaga Up socket.

Other sensors and selected control devices from Thorn or a third party* can be connected through the Zhaga Down socket. Dimming control through the power line is also available

*Confirmation of compatibility from Thorn is recommended

NIGHTTUNE

NightTune offers comfortable and efficient lighting. When traffic levels are low, for example during the night, dimmed lighting with a warmer colour temperature can be delivered for an environmentally-conscious lighting solution to help preserve the nocturnal ecosystem

TOOL FREE OPENING

Oxane makes maintenance easy through convenient, tool-free opening system and large inner spacing for component replacement

FEATURES



Up to 13 000 lm



2200 K, 2700 K, 3000 K, 4000 K, NightTune (2200 K to 4000 K)



L95 B10 100 000 h at 25 °C



IP66



IK08



Corrosion resistance class C5



Tool-free opening



12 LEDs, 24 LEDs, 36 LEDs

AESTHETIC STREET LANTERNS

In urban and metropolitan areas, illumination of streets, paths and other outdoor spaces is about more than just functionality. Thorn's aesthetic street lanterns combine high performance, versatility and connectivity with style, shaping regional identity and adding character to the lit environment – with Dark Sky sensitivity in mind too!

With a variety of mounting options, as well as design families that translate across our outdoor product ranges including bollards and decorative post-top lanterns, it's easy to create a cohesive look and feel throughout a space.



Parking



Pedestrian and
cycle paths



Roads



Town and
city centres



Transportation



Urban and
residential
streets

CARAT	286
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FLOW	290
THOR	292
URBA	294
VICTOR	296
VICTORIA	298
EP 445	300



CARAT

DURABLE PERFORMANCE DELIVERED WITH TIMELESS ELEGANCE

The sleek, stylish Carat is best in class for efficacy, using the most efficient LED on the market. With an extremely long service life, this product has not only been designed, manufactured and packaged to have the lowest environmental impact possible, it also has an outstanding useful economic life and sustainable end of life qualities.



thornlighting.com/cara

CONTROLS

Connection and control is via Zhaga socket, NEMA 7 pin socket or through the power line for appropriate drivers. Thorn UrbaSens CMS (Central Management System), or other DALI based CMS*, can be connected through the NEMA or Zhaga sockets. Other sensors and selected control devices from Thorn or a third party* can be connected through the Zhaga Down socket. Available with NightTune to change CCT and adapt to the changing lighting requirements of an area through the night to minimise environmental impact while providing appropriate lighting for the use of an area

*Confirmation of compatibility from Thorn is recommended. Variable Medium (VM) light distribution is only available with NightTune (2200 to 4000 K). Variable Safety (VS) light distribution is only available with NightTune (2200 to 3000 K)

OPTICS

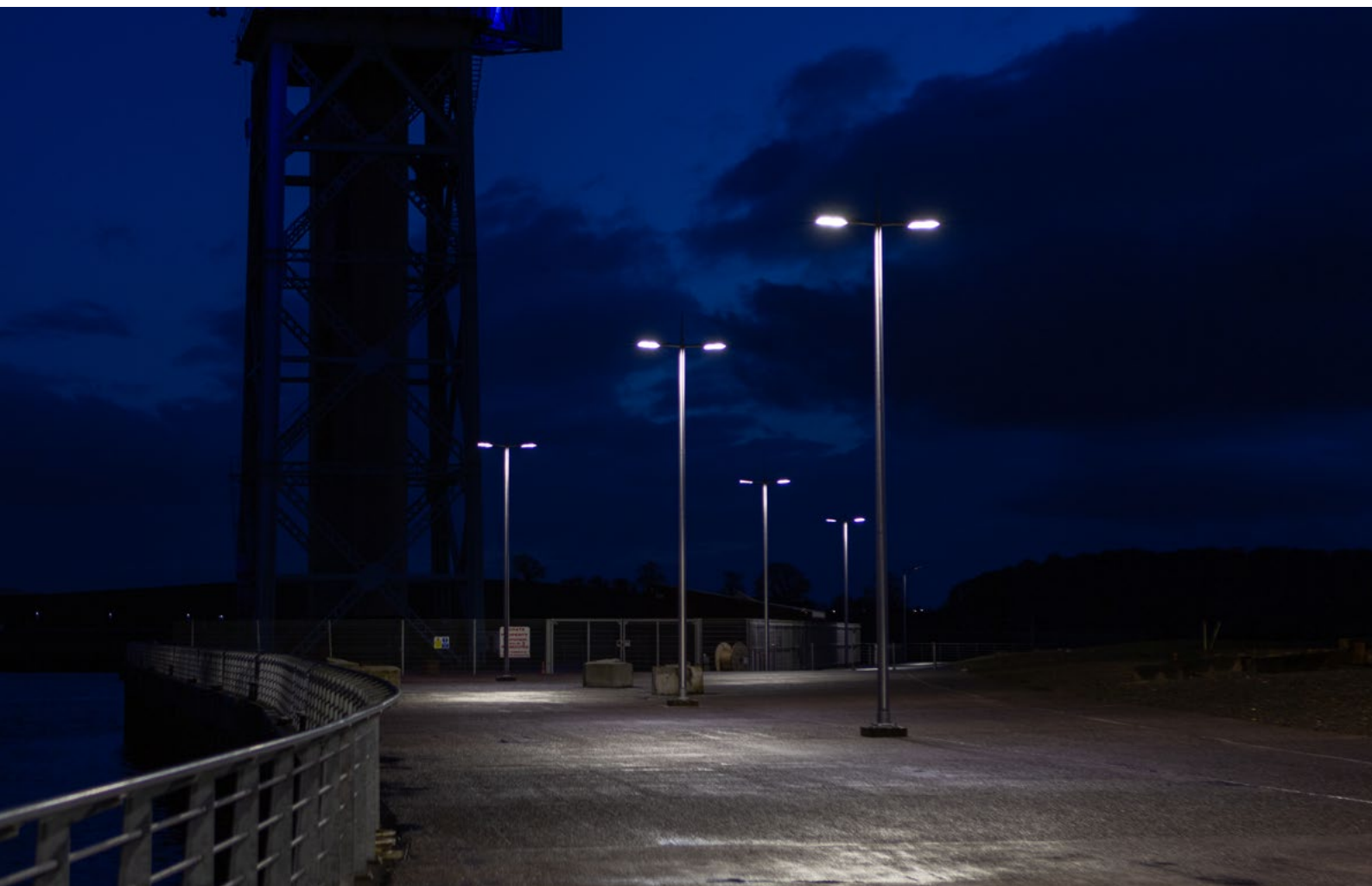
The full range of R-PEC optics is available in Carat along with an option of internal louvres for additional control

DARK SKY APPROVED

Carat is a DarkSky International approved lantern at 3000 K and warmer CCTs

FEATURES

-  Up to 19 000 lm
-  2200 K, 2400 K, 2700 K, 3000 K, 4000 K, NightTune (2200 to 4000 K) Variable Light Distribution (VM: 2200 to 4000 K / VS: 2200 to 3000 K)
-  L90 100 000 h at 50 °C
L95 100 000 h at 25 °C
-  IP66
-  IK10
-  Corrosion resistance class C5
-  Small: 12 LEDs, 24 LEDs, 36 LEDs
Large: 36 LEDs, 48 LEDs, 60 LEDs
-  ULOR 0 %



DYANA

ELEGANTLY ENHANCE URBAN ROADS AND STREETS

With a sleek aesthetic that is equally suited to modern or traditional surroundings, Dyana delivers energy efficient lighting to enhance any urban area. A range of lumen outputs, top or lateral mountings and a choice of two optics enable Dyana to be tailored to suit a range of applications while ensuring visual comfort and high quality illumination.



thornlighting.com/dynl

CONTROLS

Miniature photocell,
Programmed dimming,
Powerline dimming control

DESIGN FEATURES

Slim shape for pleasing aesthetics and
minimised weight and low wind loading.
Top opening for easy maintenance

OPTICS

An extensive range of bespoke R-PEC
lenses equip Dyana for lighting varied road
geometries and areas to the levels required
efficiently and effectively controlled. A
selection of comfort optics provides very
low glare lighting with sensitivity for
the lit effect in appropriate locations

DARK SKY APPROVED

At 3000 K and warmer CCTs, Dyana
carries the DarkSky International seal
of approval, protecting night skies while
providing high quality, efficient lighting

FEATURES



Up to 15 000 lm



2200 K, 2400 K, 2700 K,
3000 K, 4000 K



L95 100 000 h at 25 °C



IP66



IK10



Corrosion resistance class C3



12 LEDs, 24 LEDs, 36 LEDs,
48 LEDs, 60 LEDs



ULOR 0 %



FLOW

STYLE WITHIN THE URBAN SPACE

As people flow through the city by car, bike or on foot, Flow creates light that flows with them, adapting and providing safety and high visual performance, while creating a pleasant and welcoming ambience. Flow fits in everywhere, providing the most efficient distribution for all kinds of urban activities – whether it's jogging, driving, shopping or socialising. The timeless, understated and flexible design of this luminaire makes it easy to achieve visual harmony in all manner of installations.



thornlighting.com/flow

CONTROLS

Connection and control is via Zhaga socket, NEMA 7 pin socket or through the power line for appropriate drivers. Thorn UrbaSens CMS (Central Management System), or other DALI based CMS*, can be connected through the NEMA or Zhaga Up socket. Other sensors and selected control devices from Thorn or a third party* can be connected through the Zhaga Down socket. Dimming control through the power line is also available

*Confirmation of compatibility from Thorn is recommended

OPTICS

R-PEC and A-PEC bespoke optics for Roadways and Areas are available in Flow to deliver highly efficient lighting tailored to suit specific locations and design requirements

DARK SKY APPROVED

Flow is a DarkSky International approved lantern at 3000 K and warmer CCTs. An optional internal louvre provides even further control of light distribution where needed and there is a choice of comfort enhanced optics also available

FEATURES

-  Up to 13 000 lm
-  2200 K, 2400 K, 2700 K, 3000 K, 4000 K
-  L95 100 000 h at 25 °C
-  IP66
-  IK10
-  Corrosion resistance class C5
-  12 LEDs, 24 LEDs, 36 LEDs
-  ULOR 0 %



THOR

URBAN LIGHTING FOR THE CITIES OF TODAY AND TOMORROW

Combining simple design with wireless connectivity, the Thor family of lanterns and bollards are prepared for the future. Thor offers a single design concept for numerous applications. The larger Thor Large lantern is suitable for major urban roads, while the smaller Thor Small is ideal for paths and residential streets. A range of optics carefully tuned for different road types are also available. Thor lanterns come in post-top, lateral, suspended and catenary mounted versions for visual consistency across areas.



thornlighting.com/thor

CONTROLS

Connection and control is via Zhaga socket, NEMA 7 pin socket or through the power line for appropriate drivers. Thorn UrbaSens CMS Central Management System), or other DALI based CMS*, can be connected through the NEMA or Zhaga Up socket. Other sensors and selected control devices from Thorn or a third party* can be connected through the Zhaga Down socket. Dimming control through the power line is also available

*Confirmation of compatibility from Thorn is recommended

DARK SKY APPROVED

Thor has been awarded the dark skies luminaire seal of approval by DarkSky International for lanterns with CCT of 3000 K and warmer

There is an additional internal louvre available with a selection of optics

For Thor Large, the upper dome can be provided with a soft glow as a design feature to enhance the lit environment

FEATURES

-  Up to 16 000 lm
-  2200 K, 2400 K, 2700 K, 3000 K, 4000 K
-  L95 100 000 h at 25°C
-  IP66
-  Small: IK10
Large: IK08
-  Corrosion resistance class C5
-  Small: 12 LEDs, 24 LEDs, 36 LEDs
Large: 36 LEDs, 48 LEDs, 60 LEDs
-  ULOR 0%



URBA

VERSATILITY AND HIGH PERFORMANCE

Urba has many excellent features and benefits, with its versatility being key. The lantern is available in a choice of two sizes and can be configured with one of nineteen different optics to best suit the urban area, all the way from a quiet pathway to a busy town square or pedestrian crossing. Urba post-top lantern is part of the Urba family of luminaires alongside Urba Deco and Urba Bollard.



thornlighting.com/urba

CONTROLS

Connection and control is via Zhaga socket, with Zhaga sockets available facing Up, Down and in combination with both as Zhaga Up/Down. Thorn UrbaSens CMS, or other DALI based CMS*, can be connected through the Zhaga sockets. Other sensors and selected control devices from Thorn or a third party* can be connected through the Zhaga Down socket. Dimming control through the power line is also available as an option

*Confirmation of compatibility from Thorn is recommended. Variable Medium (VM) light distribution is only available with NightTune (2200 to 4000 K). Variable Safety (VS) light distribution is only available with NightTune (2200 to 3000 K)

DESIGN VALUE

The Urba lantern is part of the Urba family. Alongside the Urba Deco amenity lantern and the Urba Bollard, a consistent design theme can be implemented throughout varied spaces in a project

DARK SKY APPROVED

The Urba lantern holds DarkSky International's seal of approval for CCTs of 3000 K and warmer

A wide range of R-PEC lenses are utilised including comfort options and, along with NightTune CCT control technology, Urba is equipped to provide high-quality lighting to suit place, time and design goals as required

FEATURES



Up to 25 000 lm



2200 K, 2400 K, 2700 K, 3000 K, 4000 K, NightTune (2200 to 4000 K) Variable Light Distribution (VM: 2200 to 4000 K / VS: 2200 to 3000 K)



L95 100 000 h at 35 °C



IP66



IK09



Corrosion resistance class C5



Small: 12 LEDs, 24 LEDs, 36 LEDs
Large: 48 LEDs, 60 LEDs, 72 LEDs, 84 LEDs



ULOR 0 %



VICTOR

SHINE A LIGHT ON URBAN STYLE

Victor combines advanced performance with modern, timeless styling for a distinctive visual identity. Available in two sizes and with a range of columns and brackets available for a choice of mounting methods, Victor can suit the aesthetics and design of any urban setting.



Suspended

Catenary



thornlighting.com/vict

CONTROLS

Powerline dimming control, programmed standalone dimming, sensors and selected control devices from Thorn or third parties* via the Zhaga Down socket

*Confirmation of compatibility from Thorn is recommended

REFURBISHMENT

Use Thorn's refurbishment kits to upgrade past generations of Victor lanterns (HID and first-generation LED) to the newest LED technology for improved performance, the latest optical technology and greater energy efficiency. Provided as one integrated unit, the kit takes advantage of the lantern's preexisting design features, making it quick and simple to install in just minutes.

OPTIC CHOICE

Victor has a range of multiple R-PEC lenses available including enhanced visual comfort options to provide appropriate, efficient and well controlled lighting

Victor's optical choice makes it the perfect choice for footpaths and cycle ways to major highways

FEATURES



Up to 22 000 lm



2200 K, 2400 K, 2700 K, 3000 K, 4000 K



L95 100 000 h at 25°C



IP66



IK08



Corrosion resistance class C5



Small: 12 LEDs, 24 LEDs, 36 LEDs
Medium: 48 LEDs, 60 LEDs, 72 LEDs



VICTORIA

ELEGANT URBAN IDENTITY

Combining advanced performance with aesthetics, Victoria has a distinctive upper canopy with subtle night-time glow, adding to the visual appeal and ambience of the nighttime scene. Available in two sizes and with a choice of mounting methods and with a range of columns and brackets available, Victoria offers a significant contribution to the styling of a design space.



thornlighting.com/vica

CONTROLS

Powerline dimming control, programmed standalone dimming, sensors and selected control devices from Thorn or third parties* via the Zhaga Down socket

*Confirmation of compatibility from Thorn is recommended

REFURBISHMENT

Use Thorn's refurbishment kits to upgrade past generations of Victoria lanterns (HID and first-generation LED) to the newest LED technology for improved performance, the latest optical technology and greater energy efficiency. Provided as one integrated unit, the kit takes advantage of the lantern's preexisting design features, making it quick and simple to install in just minutes.

OPTIC CHOICE

Victoria has a range of multiple R-PEC lenses available including enhanced visual comfort options to provide appropriate, efficient and well controlled lighting

The choice of optics makes this luminaire a great choice for a wide range of applications from footpaths and cycle ways to major highways

FEATURES



Up to 22 000 lm



2200 K, 2400 K, 2700 K, 3000 K, 4000 K



L95 100 000 h at 25°C



IP66



IK08



Corrosion resistance class C5



Small: 12 LEDs, 24 LEDs, 36 LEDs
Medium: 48 LEDs, 60 LEDs, 72 LEDs



EP 445

HISTORIC STYLE AND CUTTING-EDGE LIGHTING TECHNOLOGY

Thorn's EP 445 combines a 19th-century look with 21st-century performance. This retro-style lantern is the perfect choice for replacing traditional lighting in historic locations and conservation areas with a durable, energy-efficient and modern solution. EP 445 features an automatic disconnection to prevent electrical damage when the lantern is opened, and 10 kV surge protection on differential mode.



thornlighting.com/ep44

CONTROLS

Adjustable output and bi-power dimming programs. Zhaga up socket on demand.

EXTRA WARMTH

EP 445 is available with colour temperatures of 2700 K, 3000 K or 4000 K, and even 2200 K is available on request, for areas that require a particularly warm ambience. Light output ranges from 2400 lm to 9000 lm, and can also be increased for higher light output demanding applications. The asymmetrical design ensures that there's no unwanted backlight.

OPTICS

Narrow (ND-A) and Comfort (CD-A) asymmetrical optic for streets, rotational symmetrical (ROTO) distribution for plazas

DARK SKY APPROVED

EP 445 is a DarkSky International approved lantern at 3000 K and warmer CCTs

FEATURES



Up to 9000 lm



Up to 150 lm/W



2700 K, 3000 K & 4000 K (Standard)
2200 K (on request)



L90 100 000 h at 25 °C



CRI 70



IP66



IK08



ULOR 0 %



Corrosion resistance class C3

TUNNEL LIGHTING

In environments where safety is key, it's important to have lighting you can rely on. Thorn's tunnel luminaires are designed to provide efficient LED lighting that can endure highly corrosive and tough environments, ensuring long-lasting, reliable illumination.

Compact and lightweight, our tunnel lights are simple to install and maintain. High performance optics minimise glare for excellent visual comfort and safety and connectivity options are available for enhanced control.



Bridge
underpass



Rail tunnel



Service tunnels



Transportation



Tunnel entrance
and exit



Tunnel
roadway

GTLED RS	304
GTLED PRO	306
AREAFLOOD PRO 2 TUNNEL	308



GTLED RS

VERSATILE TUNNEL ILLUMINATION WITH INTEGRATED DRIVER

A stainless steel tunnel luminaire with advanced LED technology, GTLED RS is designed to perform even in harsh environments. The luminaire offers supreme corrosion resistance in a compact, lightweight design with perfect heat control, resistance to the elements and a self-cleaning shape.



thornlighting.com/gtrs

CONTROLS

GTLED RS is compatible with DALI based control

Other modes of control are subject to discussion and agreement

OPTICS

Lens suitable for counter beam, pro beam and symmetric tunnel lighting designs are available

Excellent glare control with very low threshold increment is achieved by GTLED RS

APPLICATION

GTLED RS provides highly efficient tunnel lighting for all tunnel zones and to multiple standards for varied lantern arrangements. Drivers are mounted within the luminaire and along with the LED light engine are accessible for maintenance if required

FEATURES



Up to 55 000 lm



3000 K, 4000 K



L90 100 000 h at 25 °C



IP65



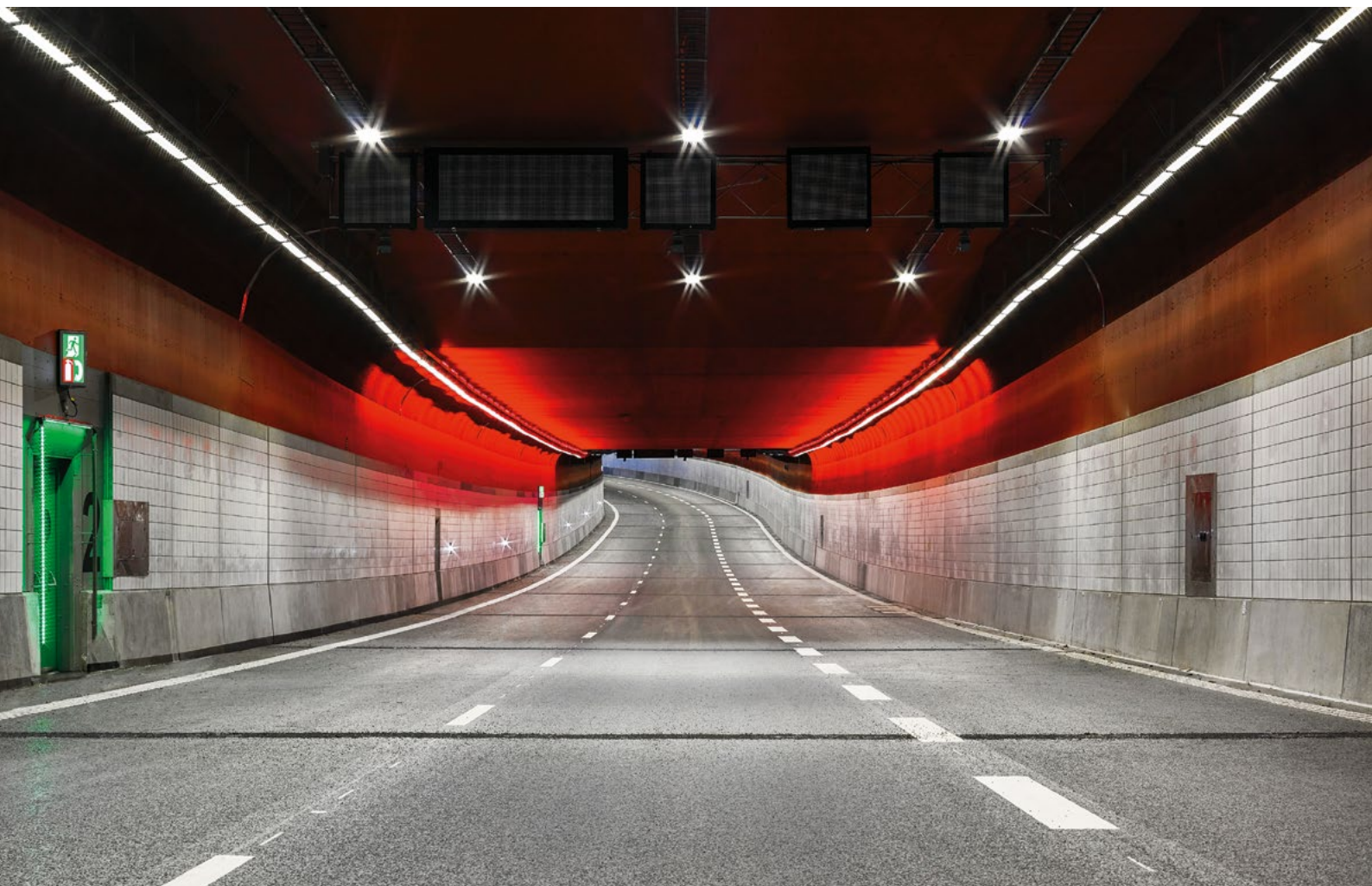
IK08



Corrosion resistance class C5



24 LEDs, 48 LEDs, 72 LEDs, 96 LEDs, 108 LEDs, 216 LEDs



GTLED PRO

LIGHT THAT LASTS – FOR ANY TUNNEL

A versatile luminaire available with a range of optics and sizes, GTLED Pro is designed to prevent debris retention and includes the highest corrosion classification (C5) for long-lasting performance. It is compact, lightweight, and easy to maintain and install thanks to its remote gear box, intuitive bracket fixation system and quick connector.



thornlighting.com/gtlp

CONTROLS

GTLED Pro is compatible with DALI based control systems. Other modes of control are subject to discussion and agreement.

OPTICS

Lens suitable for counter beam, pro beam and symmetric tunnel lighting designs are available.

Excellent glare control with very low threshold increment is achieved by GTLED Pro.

APPLICATION

GTLED Pro provides highly efficient tunnel lighting for all tunnel zones and to multiple standards for varied lantern arrangements. Drivers are mounted remotely in gear boxes to facilitate maintenance and allow for minimised size and weight of luminaire. GTLED Pro has an aluminium body to provide excellent thermal properties and corrosion resistance.

FEATURES



Up to 86 000 lm



3000 K, 4000 K



L90 100 000 h at 25 °C



IP66



IK08



Corrosion resistance class C5



5 body sizes accommodating:
24 LEDs, 36 LEDs, 48 LEDs, 72 LEDs,
96 LEDs, 108 LEDs, 144 LEDs, 216 LEDs



AREAFLOOD PRO 2 TUNNEL

TUNNEL-READY PERFORMANCE, FLEXIBLE BY DESIGN

In tunnel settings, where light is critical to safety – reliability, durability and efficiency are key. Areaflood Pro 2 Tunnel provides simple, cost-effective lighting for tunnels and underpasses, including urban, suburban, sub-water and mountain, with proven endurance, and superb thermal and optical performance.



Small



Medium



Large



thornlighting.com/afpt

CONTROLS

DALI programmable

OPTICS

Efficient and highly performing optics from Thorn's R-PEC engine: asymmetrical, symmetrical, counter beam (with and without louvers) and comfort optics

APPLICATION

Areaflood Pro 2 Tunnel provides highly efficient lighting for all tunnels zones, including threshold, transition, interior and exit zones, with a range of dedicated tunnel optics that deliver both excellent efficiency and high standards of visual comfort.

DURABILITY

Areaflood Pro 2 Tunnel provides high performing thermal, corrosion (C5) and glare (Ti < 6 %) control. With a design that limits accumulation of dust and carefully selected materials, Areaflood Pro 2 is able to withstand harsh environments and extreme challenges in tunnels and underpasses.

FEATURES



Up to 52 000 lm



Up to 175 lm/W



3000 K,
4000 K (on selected versions)



Up to L98 100 000 h at 25 °C



CRI 70



IP66



IK08



Corrosion resistance class C5



24 LEDs, 36 LEDs, 48 LEDs,
60 LEDs, 72 LEDs, 96 LEDs,
108 LEDs, 120 LEDs, 144 LEDs

CONTROLS, CONNECTIVITY & IOT

Light what needs to be lit, only when needed for those using the space. From maximising efficiency via presence detection to playing our part in protecting the dark skies, we offer a range of connectivity solutions that can assist in reducing energy consumption whilst meeting sustainability goals.

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NIGHTTUNE	316
SENSA DMX	318
STICK	320
STICK AMAZE	321



BASIC DIM

BasicDIM Wireless is Thorn's Bluetooth-based wireless lighting control technology, integrating sensors, switches and luminaires that can be controlled and configured from a smartphone or tablet. Typically, this is carried out by a commissioning engineer or office facilities manager using a dedicated app.



connect.thornlighting.com/basicdim



AT A GLANCE

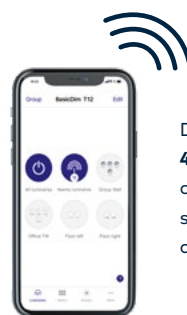
Because basicDIM is a wireless system, it is just as well suited to existing buildings having a lighting refurbishment as it is to newly built facilities. Furthermore, installation couldn't be easier as all the technology needed is built into the luminaires, with no extra wiring.

FEATURES

With basicDIM, you can easily group luminaires together, set and control different scenes and adjust the brightness to match nearby luminaires, natural light, and the time of day. It even considers sunrise and sunset for a smarter lighting experience.

BENEFITS

Customise the colour temperature to suit the task in the space. Integrate presence sensors and daylight sensors. Simplify network and security management.



Download the free **4remote BT** basicDIM app provided by our specialist controls sister company, Tridonic.



		 UrbaSens Play	 UrbaSens Move	 UrbaSens Connect
SWITCHING	Day-Night cycle	■	–	■
	Ambient light	–	■	■
SCHEDULING	Real time	■	■	■
	Weekly calendar	■	■	■
MOTION	Standalone	–	■	■
	Group	–	■	■
ADDRESSING	NightTune	–	■	■
	Variable Light Distribution	–	■	■
ANALYTICS	Fault reporting	–	–	■
	Energy monitoring	–	–	■
COMMISSIONING	On-site commissioning	■	■	■
	Remote commissioning	–	–	■
	GPS	–	–	■

URBASENS

For people, places and the environment. Lighting control across outdoor, public spaces usually focuses on efficiency and environmental consideration. Our cutting-edge controls go an additional step further and harmonises energy savings with the protection of the night sky and biodiversity whilst illuminating pathways with safety, accessibility, and civic pride in mind. Outdoor spaces thrive whilst balancing light, sustainability, and community. Specifying one of our outdoor luminaires with Zhaga nodes enables you to future proof your infrastructure and upgrade to a connected solution at a later date.



connect.thornlighting.com/urbasens



URBASENS MOVE

UrbaSens Move enables connected, reconfigurable lighting zones that support motion sensing, luminaire grouping, and biodiversity sensitive illumination for local communities. We've leveraged reliable Bluetooth® technology to ensure that we can truly live by the infamous term, "the right light in the right place at the right time." This is critical nowadays given the way that the modern urban environments can support local communities. UrbaSens Move helps to create feelings of safety and security, and encouraging use of outdoor public spaces for social and leisure purposes, commuting and civic comfort.

URBASENS CIVIC AND CITY CONNECT

UrbaSens Civic and City Connect delivers scalable lighting solutions for large estates and public networks, offering infrastructure analytics and open API integration for wide data sharing. Both systems are interconnectable for wide scale monitoring of public lighting infrastructure. Civic Connect is ideal for smaller towns and transport hubs, utilises latest M2M communication such as NB-IoT and CAT-M1 for the lowest cost associated with global coverage. City Connect, tailored for city centres, employs advanced 2.4 GHz mesh technology for effortless control of urban lighting.

URBASENS PLAY

UrbaSens Play provides demand-driven lighting for recreational sport areas, and professional training environments. With Bluetooth® technology, you're able to control, from your fingertips, the exact amount of light needed for any scenario, be it maintenance, training or competition. For example, if only one tennis court is being used, you can ensure full, targeted illumination just where you need it. The other light points can be switched off, or perhaps set to a comfort setting to offer a general, helpful light level around the surrounding spaces.



NIGHTTUNE

Put simply, NightTune is a system that automatically adjusts the level of light emitted by a light fitting, and its colour temperature, to suit the exact time of night, level of traffic and is commissioned to suit specific project and application needs.

Imagine a normal night. In the evening, when pedestrians are still using footpaths and walkways, as well as traffic on roads and streets. Here, NightTune can provide a moderate colour temperature. Then, during the middle of the night when roads are quiet and there are fewer people using those same footpaths and walkways, the output of the neutral LEDs is reduced so that the light also becomes dimmer and warmer. As morning approaches and traffic returns to the streets, the output of the neutral LEDs increases once again, to provide brighter, cooler light that meets the higher safety demands.



connect.thornlighting.com/nighttune



NightTune works by dimming and mixing light from 2200 K to a moderate 3000 K via two independent groups of LED



NightTune intelligently balances the nocturnal lighting needs for humans as well as local flora and fauna



UrbaSens Civic Connect and NightTune combined means that you can apply a technology that's mindful of biodiversity alongside presence detection, scheduling and ambient lighting sensing



By combining advanced technologies, you're able to considerably balance the night time illumination needs of a community





SENSA DMX

Sensa DMX puts you in full control. Choose your perfect colours, create sequences and set the pace...

Compatible with Thorn's range of RDM-DMX luminaires or other DMX luminaires, the new, second generation SensaDMX offers a complete set of products designed to easily create standalone dynamic lighting scenarios, ideal for building façades, bridges, monuments and other landmarks. Colours can change at any pace requested to create visually pleasing sequences, using specialised yet intuitive software. Scenarios are loaded onto the controller via SD card, where they can be automatically triggered in real time, or via a simple user interface, requiring no internet connection or additional devices for permanent use.



connect.thornlighting.com/sensadmx



CAVAN CATHEDRAL, IRELAND

AT A GLANCE

RDM-DMX Controller for one universe (512 channels) with integrated SD card for autonomous operation available in IP65 box or as a kit

RDM-DMX 4CH splitter available in a IP65 box or as a kit

IP65 scene selector with 8 positions

FEATURES

Up to 512 channels, standalone operation with integrated SD card, real time triggering, 8 port scene triggering, dynamic scene creation and RDM (remote device management) addressing

BENEFITS

Address your RDM compatible fixtures directly from your PC and controller

Integrated SD card for up to 99 scenes (8 scenes pre-installed)

No web or remote connectivity required and no subscription or ongoing fees

Compatible with previous Sensa DMX generation



STICK

A dimmer switch with a premium glass finish. This 128-channel DMX controller is simple to use and yet powerful enough for projects requiring advanced effects. Three touch-sensitive buttons control scene selection, on/off, dimming and colour adjustment.

The controller is USB programmable from a PC or Mac using ESA2 software. Up to 24 scenes can be stored within the controller (8 visualised by the LED lights).



connect.thornlighting.com/stick



STICK AMAZE

This feature-rich lighting controller has been designed to provide a control solution for the most demanding of projects whilst remaining easy to use thanks to its touch sensitive panel. Stick Amaze integrates a graphical colour screen allowing scene photos to be displayed. Users can easily view the selected zone, scene name and design without the need to navigate through complex menus.

The circular palette allows for the speed, colour or dimming to be easily changed. The lighting levels, colour and effects can be programmed with a PC, Mac or Android, iPad or iPhone using the included software.



connect.thornlighting.com/stickamaze

CONTACT US

GET IN TOUCH

As part of the Zumtobel Group, with over 5500 employees worldwide and 90 sales offices and partners in 90 countries, whether you've got a question about our products and solutions, or require help or information, we'd be pleased to hear from you.

WE MAKE LIGHT WORK

Find your local representative



thornlighting.com

WE MAKE LIGHT WORK



**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.
2025/2026 (INT)

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WE
MAKE
LIGHT
WORK

2025/2026