

# THORN

member of zumtobel group



Product Focus

October 2017

Thor



IQ Wave



Glacier II LED



Alumet Stage II



# Brand new products from Thorn for October 2017

At Thorn we believe that great lighting should be simple. That's why we're always refining the range of solutions we offer to make sure they are effective, efficient and easy.

This October we're unveiling new versions of our IQ Wave luminaire, whose special optical design brings comfortable and highly efficient light to workplaces. We're also making smart lighting a reality with Alumet Stage II and Thor, both of which are ready for the smart cities of today and tomorrow. Our Tonic family of spotlights, launched earlier this year, is expanding with two new products, and now represents a comprehensive range for the most demanding retail projects. We've also launched a number of new LED emergency lighting products. And as always, we continue to update and improve familiar products to offer the best possible performance and help make your lighting projects effective, efficient and easy. For details of all the latest additions to the Thorn range, please read on.



IQ



Thorn's ceiling luminaire for workplaces can now be surface mounted or suspended, creating a family of fittings. This family of luminaires share the same comfortable, glare-free illumination and sleek, simple look.

IQ Wave contributes to comfortable, healthy workplaces by lighting the task, face and space. This can be provided thanks to Thorn's patented MV-Tech optic, which produces soft, 360° light with no visible LEDs.

To complete the range, the recessed version is now joined by IQ Wave surface and suspended. Available in 1200 mm and 1500 mm, they can be joined together in a continuous line, to create a sleek look. IQ Wave surface and suspended achieves a unified glare rating of <19, in line with the AS/NZS1680 standard on workplace lighting. It is available with lumen packages ranging from 2 600 lm to 6 700 lm, in colour temperatures of 3 000 K or 4 000 K. The IP40 rating offers extra protection for school applications.

The special optical design achieves high efficacy, and even more energy can be saved thanks to control options including presence/absence detection and daylight dimming. With IQ Wave, building owners can have it all: energy savings, high performance, and above all, a lighting scheme that provides comfort and keeps workers productive.

# Wave

# Alumet Stage II

More powerful, more flexible, and ready for the smart cities of the future. With Alumet Stage II, Thorn's Alumet family takes a leap forward.

Alumet Stage II is a luminaire with a huge range of possibilities. This clever and sleek column features a cylindrical diffuser with multiple light modules inside.

Alumet Stage II accommodates six modules – more than ever before – meaning luminaire light output can now reach 6 600 lm. The luminaire is capable of illuminating both horizontal and vertical surfaces, so the same product can be used to light pathways, public spaces and even façades.

The modules are available at colour temperatures of 3 000 K or 4 000 K, coloured modules can be included and controlled as dynamic RGBW or set to fixed colours. Users have the freedom to build their own configuration to suit their particular lighting requirement.

The newly redesigned Alumet Stage II is closely aligned with other products in the Alumet family, ensuring a consistent look and feel. Rated IP66 and IK10, and with a lifetime of 100 000 hours, Alumet Stage II is designed to withstand the effects of weather and vandalism, and lasts many years without maintenance. With Alumet Stage II, the urban space becomes your stage.





# Thor





# Thor is a family of smart urban lanterns and bollards 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 L lantern is suitable for major urban roads, while the smaller Thor S 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. To complete the family, Thor offers a variety of different bollards ideal for plazas, pathways or parks. With a rated lifetime of 100 000 hours, the high quality materials used and the ability to monitor performance and report failures, Thor is built to last. But it's the integrated intelligence that makes Thor truly futureproof: wireless connectivity and sensors enable data gathering, failure alerts, traffic management and dimming in response to traffic flow or daylight levels. The combination of smart controls and special optics does not only increases energy efficiency but also ensures an excellent balance between performance and comfort within the whole family.





# Tonic Gimbal

Our new gimbal-mounted spot completes the Tonic family of high-CRI luminaires for retail.

Like all luminaires in Thorn's Tonic family, Tonic Gimbal is a truly global product supplied with a multi-voltage driver.

With a choice of single, double and triple frames, and interchangeable light heads including a range of spot and flood beams, Tonic Gimbal brings even more flexibility to the highly successful Tonic family. Tonic Gimbal features lumen packages of 1800 lm or 2800 lm, and an exceptional CRI of over 90, for vivid, true colour. Installation is simple, thanks to Thorn's unique "flag" system, which ensures a secure connection to the ceiling with no slipping.

# Tonic Gyro



The global Tonic range now includes a gyro version, bringing the right lighting to retail applications and projects where a high flexibility is needed.

Tonic Gyro helps designers to create consistent interiors. Sharing its classic tubular look with the other luminaires in Thorn's Tonic range, its recessed gyro-mounting also keeps ceilings uncluttered.

A colour-rendering index (CRI) of over 90 makes Tonic Gyro ideal for retail applications where the quality of light plays an important role. Meanwhile, interchangeable lenses offer a variety of beam shapes, giving designers and customers maximum flexibility. Tonic Gyro is available in single, double and triple versions, with lumen packages of 1800lm and 2800lm and colour temperatures of 3000K and 4000K.

Like the other products in the Tonic family, it's supplied with an integrated multi-voltage driver and therefore ready to be specified anywhere in the world.





# Glacier





New sizes and new colours – the new Glacier II LED can do more than ever.

Thorn's decorative suspended Glacier II LED now offers more flexibility, with a variety of new options.

Glacier II LED now offers more decorative choices, the body and reflector are both available in black, making it easier for the luminaires to coordinate with the Thorn retail portfolio. Additionally, the original Glacier II LED is joined by a smaller version with a diameter of 254 mm, perfect for applications such as over counter lighting and retail shop lighting.

The integrated chip-on-board LED light source provides even, uniform light with no visible shadows on the reflector.

# II LED



# Piazza

## II LED



An outdoor bulkhead featuring less than 2.5% upward light and a specialised light distribution for optimal path lighting.

A new design and specialised optics make the new Piazza II LED a champion of outdoor lighting.

An efficient 106 lm/W LED light source paired with an effective light distribution increases the use of light while maximising energy savings. The precision optics limit the ULOR 2.5% or less which reduces wasted light and light pollution. The tailor made light distribution stays close to the wall and while casting light in a wide beam to each side allowing 12 metre spacing at 3 and 4 metre mounting heights – ideal for path lighting around buildings. The addition of optional photo sensor or DALI control can provide additional energy savings through lighting control.

The new contemporary design offers a high IP65 ingress rating allowing it to be installed in harsh outdoor conditions which require protection from rain, dust and insect ingress. Additionally this luminaire offers an IK10 impact rating and comes with tamper resistant screws as standard.



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# Upgrades

## Omega Circular Suspension Kit



[WWW.THORNLIGHTING.COM/OMGC](http://WWW.THORNLIGHTING.COM/OMGC)

### A new way to use this eye-catching workplace luminaire.

Thorn's Omega Circular can now be used as a suspended luminaire, thanks to this new kit. An alternative to square flat panels in offices and education settings, Omega Circular was previously only available as a surface-mounted and semi-recessed fitting. The new option to suspend the luminaire brings more versatility to create bold, characterful workplace interiors, while maintaining a consistent feel thanks to the shared design language of the product family. Omega Circular is available in diameters of 500 mm, 400 mm and 200 mm, so it can be used in a variety of different spaces, to achieve different effects. The luminaire is easy to install and can be dimmed to suit different settings and times of day.



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### 5 Year Warranty

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

[www.thornlighting.com/warranty](http://www.thornlighting.com/warranty)

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

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