

# THORN

member of zumtobel group



Product Focus

Autumn 2017

Thor



IQ Wave



Glacier II LED



Alumet Stage II



# Brand new products from Thorn for autumn 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 autumn 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 EN 12464 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.

THORN





# Voyager

## Style

Introducing our new ultra-slim emergency luminaire.

At just 37 mm thick, Thorn's new Voyager Style luminaire is ultra-slim, unobtrusive and the perfect addition to Thorn's growing range of emergency lighting solutions.

As well as self-contained luminaires in manual and autotest versions, Voyager Style is also available for use with central battery systems. Voyager Style can be easily mounted on ceilings or walls. Additionally, suspended versions are available, using the same universal housing. Mounting is quick and easy. With an adapter, recessed mounting is also possible for the sleekest possible look.

Providing light intensity of 500 cd/m<sup>2</sup>, Voyager Style meet the DIN 4844 standard for safety signage.\* Voyager Style is rated IP43 for protection against dust and moisture, making it a versatile solution.

# Voyager



## Solid

Thorn's new LED bulkhead makes emergency lighting easy.

Voyager Solid is a high-performance, universal LED emergency bulkhead.

Available in small or large versions with a consistent design, Voyager Solid provides even, homogenous light distribution. Easy to install and configure, Voyager Solid can be mounted on walls or ceilings, or semi-recessed with the help of a mounting box. The fitting is rated IP65 for use in a variety of locations. Voyager Solid's emergency pictograms are printed on inlets that are inserted inside the luminaire, avoiding issues with stickers that adhere to the outside of fittings.

Providing 500 cd/m<sup>2</sup>, Voyager Solid comfortably meets the DIN4844 standard for safety signage. Both DALI and self-test versions are available.



# Fit

A super-compact,  
LED emergency luminaire.

Voyager Fit is a super compact and new LED emergency luminaire for installation in ceilings.

The luminaire is just 51 mm in diameter, requiring a ceiling hole of only 43 mm and has a void height of just 80 mm. Voyager Fit comes with three interchangeable lenses for antipanic, escape and spot lighting, which can be easily fitted. The product features a lithium iron phosphate battery, which plugs in easily via Micro USB and comes with a three-year warranty.

Voyager Fit's light output means units can be spaced wide apart, and its power consumption of solely 2.5W (5.5W in maintained mode) makes it highly energy-efficient.

# Upgrades

## Chalice surface-mount housing



[WWW.THORNLIGHTING.COM/CHLC](http://WWW.THORNLIGHTING.COM/CHLC)  
[WWW.THORNLIGHTING.COM/CHLP](http://WWW.THORNLIGHTING.COM/CHLP)

## Thorn's Chalice downlight is now more versatile than ever, due to this brand new surface-mounting accessory.

The new Chalice surface-mount housing allows the popular Chalice recessed downlight to be mounted in high-ceilinged areas or spaces with exposed ceilings, such as in office corridors, transport hubs, and hotel lobbies. The option to surface-mount Chalice gives Thorn a full range of surface-mounted products with light outputs ranging from 1000 lm to 10 000 lm. The housing fits the 150 mm and 200 mm versions of Chalice, including Chalice Pro. It is compatible with the high-frequency, DALI, and central battery emergency versions of the product, and comes complete with an installation plate and bracket, ready for use.

## Lyric LED



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

## Lyric LED's halo of backlighting makes it an attractive choice for corridors, hallways and more.

With its distinctive halo of light, Lyric LED is an aesthetically appealing solution for applications such as hallways, corridors, stairwells, reception areas and amenity lighting. It's ideal for settings including care homes, hotels, schools and residential housing. This updated LED version of the popular Lyric wall and ceiling light, Lyric LED comes with a choice of round or slotted diffuser options, and an insert which creates a blue halo as an accessory. Interchangeable diffuser and bezel attachments are available. Emitting 2 500 lumens at a comfortable 4 000 K colour temperature, Lyric LED achieves a high luminous efficacy of 93 lm/W. The luminaire includes an option for a DALI driver as well as E3 and E3TX (self-test) emergency options.

## 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.

## Omega LED and Omega Pro

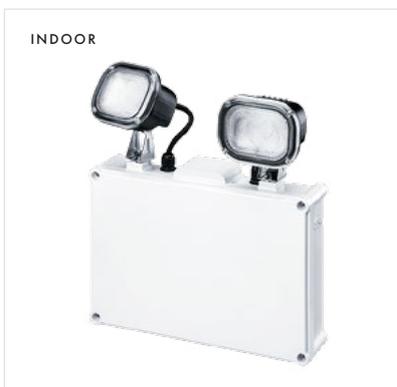


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[WWW.THORNLIGHTING.COM/OMPL](http://WWW.THORNLIGHTING.COM/OMPL)

## This energy-saving LED ceiling luminaire for workplaces just got even more efficient.

Thorn's Omega LED and Omega Pro ceiling luminaires are now more efficient than ever, hitting 110 lm/W. That's more than enough to meet the new requirements for the UK's Enhanced Capital Allowance (ECA) scheme. Designed for offices and education settings, Omega makes it easy to directly replace traditional fluorescent fittings and save more than 50% on energy. Light quality has improved too, with colour consistency now within three MacAdam ellipses – so users know the colour of light won't vary or shift over time. And these recessed fittings can now also be surface-mounted or suspended, giving more flexibility of installation and design. Manufactured in Europe, Omega fittings are rated IP44 for protection against dust and moisture, making them suitable for environments such as restrooms and hospitals.

## Voyager Twinspot



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

## Versatile outdoor emergency fitting, now in LED.

Voyager Twinspot, Thorn's twin-spot luminaire for large and high-risk open areas, is now available as an LED version. Its adjustable heads – which come pre-wired – make the luminaire suitable for any setting. With a lightweight enclosure rated IP65 for outdoor use, Voyager Twinspot LED is lighter, slimmer and easier to install than its predecessor. The luminaire also meets all the requirements for BSI certification.

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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

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Publication No: 96644315 (INT) Publication Date: 11/17



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