



Product Focus

Autumn 2016

THORN

Introducing our exciting new products for Autumn 2016

Thorn combines its specialist expertise in optical development, lighting design and innovative new product development to offer uncompromised energy savings, beautiful aesthetics and outstanding comfort.

Our new IQ Wave office luminaire combines intelligent optics and design. With the unique Thorn light optic and a highly reflective back, IQ Wave provides comfortable office lighting which exceeds requirements. The use of integrated controls and easy installation helps to make this the ideal choice for office lighting.

For further details about this new product as well as the other new additions to the Thorn range, please read on.



IQ Wave

An elegant next generation office luminaire with intelligent optics, design, controls and installation.



IQ Wave features Thorn's unique MV-Tech light optic which creates the right lighting environment within the office space by providing task lighting and ambient lighting from the one luminaire. It provides comfortable, low glare office lighting which exceeds EN12464 regulatory requirements. For employee productivity and wellbeing, hidden LEDs combined with a highly reflective back panel ensure a comfortable, ambient light with low glare and a homogenous illuminance. IQ Wave provides a choice of lighting controls for maximum comfort, convenience and efficiency. These include active daylight dimming and wireless radio frequency with microwave sensor controls which are an easy retrofit solution. For ease and speed of installation, IQ Wave benefits from Thorn's red flag pull kit which provides a quick 4-step installation process with no need to remove the optics. With its simple, flowing lines IQ Wave creates a beautifully modern but simplistic aesthetic.

www.thornlighting.com/IQWV

Indoor

ArrowFlex



The compact and flexible ArrowFlex LED strips are now also available with a dust and moisture resistant IP65 rating for use in areas including bathrooms and outdoor.

ArrowFlex LED offers indirect and emotional lighting as a cove light and/or backlight in applications ranging from retail to hospitality. Double-sided adhesive tape combined with a preinstalled plug/jack allows quick and easy installation and the creation of continuous and seamless lighting without shadows. 2mm high and 8mm wide, ArrowFlex is supplied in 5m LED strips on a reel and can be cut to size using the cutting marks for flexible lighting design as well as task lighting. ArrowFlex is available in a choice of colour temperatures (2700, 3000 and 4000K) and outputs (400lm/m to 870lm/m) to meet the application's requirements. Additional fixing brackets are also available for greater security.

www.thornlighting.com/ARFX

Beta Office



Beta Office is a comfortable, low glare UGR 19, <math><3000\text{ cd/m}^2</math> recessed LED luminaire now with DALI dimming and a choice of outputs and sizes 6x6 and 12x3.

With seamless corners to ensure no light leakages and a slim, minimalist design, Beta Office offers quality and affordability and adheres to the European office lighting standard EN12464. Beta Office has a narrow light distribution for glare control while opal and prismatic versions make the luminaire ideal for both working and circulation areas. Improved efficiency (107 lm/W) ensures low energy consumption as well as a low maintenance 50,000-hour lifetime. Beta Office features a Tridonic driver for easy loop in loop out installation and is available in colour temperatures of 3000 and 4000K, and as an emergency 3-hour version.

www.thornlighting.com/BETA

Duoproof LED



A recessed, tightly sealed IP65 and IK07 rated LED luminaire certified for use in clean rooms class 5-9 (EN ISO 14644-1).

With an efficient light source (100 llm/W), Duoproof LED is ideal for direct one-for-one replacements of traditional fluorescents in industrial, catering, medical and laboratory applications. Duoproof LED is easy to clean and maintain with welded frame corners for a smooth dirt and water trap free surface and retention chords to hold the diffuser in place. For quick installation, Duoproof LED is supplied pre-wired with a quick connector plug and features a diffuser frame secured by quarter turn fasteners. Duoproof LED is available with a prism diffuser for comfort and can be installed into a wide range of ceiling types.

www.thornlighting.com/DUOP

ForceLED Pro



ForceLED Pro is a vandal resistant, dust and waterproof LED luminaire with comprehensive yet simple and easy to commission lighting controls.

Radio frequency controls enable Master-Slave and corridor function while motion detection and switch only control options add further choice. With robust die-cast aluminium housing, ratings of IK10 and IP66, and impact resistance up to 80 joules, ForceLED Pro is ideal for applications including public places, pedestrian tunnels, stadiums and industry. As well as providing vandal and impact resistance, ForceLED Pro features a unique Safe-T locking system for ease of installation and maintenance. ForceLED Pro is suitable for direct surface mounting with quick-fix brackets or concealed security brackets. Other versions include through-wiring for ease of installation and emergency.

www.thornlighting.com/FORP

HiPak



HiPak offers a direct and cost-effective one-for-one replacement of traditional HID high bay luminaires.

Efficient LEDs (up to 113 llm/W) combined with precise lens technology reduces waste light and in turn energy consumption by up to 50% when replacing HID. With outputs ranging from 10,000lm to 25,000lm and a choice of wide or rack optic, HiPak is perfect for a wide range of applications. The introduction of a prismatic refractor provides HiPak with a softer lit appearance, better suiting retail spaces. As a direct, single point replacement, HiPak avoids the need for additional installation points and electrical connection is quick and easy thanks to a pre-wired plug and play connection.

www.thornlighting.com/HIPK

Outdoor

PRT FL



Primarily designed for residential applications and small commercial buildings, PRT FL is the latest addition to Thorn's trusted general purpose PRT floodlight range.

With a unique and elegant arc shape, PRT FL has a soft, attractive design and is an ideal alternative to halogen light sources. Offering high performance, elegance and affordability, efficient LEDs (up to 80 lm/W) achieve substantial energy savings (up to 80%). Motion detection using a discrete integrated PIR sensor can further reduce energy consumption. Separate thermal paths for the LED and driver and a long 50,000-hour lifetime also ensure longevity and low maintenance. For ease of installation, PRT FL is supplied pre-wired with no need to open the product.

www.thornlighting.com/PRTF

Tunnel Guidance



Available in circular and rectangular versions (TGC and TGR), Tunnel Guidance is an energy efficient, low maintenance LED luminaire for traffic safety.

Providing regulatory compliant optimal visual guidance for road users, Tunnel Guidance is double-sided and can be used to indicate the lane edge and safe distance between vehicles as well as helping to improve visibility at night/during inclement weather. Tunnel Guidance can also provide emergency lighting to indicate escape routes. IP68 rated with a reinforced synthetic material, Tunnel Guidance offers excellent resistance to vibration, corrosion and vandalism. Tunnel Guidance is quick and easy to install and offers versatile installation possibilities including recessed and wall mounted. TGC and TGR also benefits from additional colour options including yellow, green and blue, as well as a smart current collector to further increase speed of installation. TGC is also available in red.

www.thornlighting.com/TUNG

Upgrade

EyeKon LED



An energy efficient, robust and impact resistant LED bulkhead with lighting controls and visors to meet the demands of a wide range of applications.

Designed for areas including outdoor walkways, building perimeters, stairwells, gardens and more, EyeKon LED offers a presence sensor and corridor function to provide advanced energy saving options while ensuring security and comfort. Radio frequency wireless controls additionally allow point-for-point replacement without added control-wiring cost. With optics including bezel, halo, visor and cross, EyeKon LED creates a range of lighting effects in a choice of four outputs ranging from 400-1550 lumens and two colour temperatures (3000 and 4000K). Tough cast aluminium housing coupled with IK10 and IP65 ratings ensure durability in tough environments. Emergency versions are also available.

www.thornlighting.com/EYKL

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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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