

Press information

28/10/21

Controlled light pollution. Maximum power.

The new Altis is a powerful, flexible and easy to install LED floodlight. Capable of delivering up to 217,000 lm, it is ideal for a range of sports and high column area lighting applications.

October 2021 - Thorn Lighting is pleased to unveil the new Altis luminaire. Powerful, flexible and easy to install, it offers numerous CCT/CRI/TCLI and colour changing configuration options, making it the perfect choice for sports applications. With mixed optics as well as flicker-free operation, the Altis floodlight is suitable for HDTV broadcasting. In addition, design optimisation is achieved through tiltable LED modules, delivering perfect uniformity with the minimum number of floodlights – saving on both space and cost.

Innovation delivers optimal performance

The Altis floodlight is available in 1, 2 or 3-module versions which allows for a variety of optical configurations and installation options. This includes horizontal for reduced obtrusive light (0 cd at 90°) to tiltable (+/-60°) for sports applications. In the past, a 3-module version was the best way to control spill light and a ULOR of 0%. Now, this same protection can be achieved with a 2-module version. Symmetrical, asymmetrical and elliptical light distributions are available with the new Altis luminaire and asymmetrical variants ensure there is no direct upward light with optional internal louvres.

Light just right

For stadiums that host televised events, lighting specifications for HD, 4K TV and super slow motion capabilities are key. Altis scores 90+ on the TCLI (Television Lighting Consistency Index) which is used by broadcasters to evaluate the performance of lighting for television and has a flicker factor of <1% as standard, offering slow motion broadcasting up to 1000 fps. This high TCLI score indicates that the lighting will optimise the viewer experience by allowing cameras to capture bright and colourful images, and the low flicker factor ensures broadcasters can film super-slow-motion replays without interruption.

Flexible and intuitive design

The new Altis is quick and easy to fit and position. As well as featuring a lightweight body, lateral arms for simple handling and multiple installation positions, there is a quick fix connection box and plug-in connectors for both the luminaire and the gearbox. The connection box can be attached at various points on the luminaire structure and cable guides behind the LED modules provide a secure place to hold all cabling together. The flexible IP66 gearbox allows for installation directly in the back of the bracket, remotely up to 200 m away, inside distribution boards, electrical rooms on masts and more. Post-top, surface and wall mounted options are also available.

Christophe Leromain, Product Manager Functional Floodlights, says: *“Altis is available in complete lighting management packages for wide-ranging professional and recreational sports applications, both indoor and outdoor. This powerful and controlled floodlight has been vastly improved to provide safety and comfort for both players and spectators. Our control solutions fully meet relevant sports lighting requirements as well as increasing energy savings and flexibility.”*

Images

(Photo credits Thorn)



The new Altis is a powerful, flexible and easy to install LED floodlight capable of delivering up to 217,000 lm



In the past, a 3-module version was the best way to control spill light and a ULOR of 0%. With the new Altis, this same protection can now be achieved with a 2-module version.



The Altis luminaire is available with an RGBW option allowing stadiums and arenas to adapt their identity.



The tilting capabilities result in the need for fewer floodlights, while maintaining perfect uniformity and a great reduction in windage.

Video

<https://youtu.be/q0hWpEt0-UY>

Information

This press release and high-resolution images can be downloaded from:
www.thornlighting.com/en/about-us/press

About Thorn

Thorn designs and develops innovative, performance-driven and dependable indoor and outdoor lighting and control solutions. Our comprehensive portfolio addresses the daily requirements of municipalities, contractors, consultants, architects, installers, wholesalers and end users. It covers a broad spectrum of applications, including office, education, industry, urban life, transportation, sports, road, parking and also emergency and control solutions. Around the world, the Thorn name is synonymous with proven quality, reliability and efficiency. With over 90 years of lighting experience, we have established ourselves as a trusted partner committed to providing customers with support that goes far beyond the product. We help to improve public and traffic safety in communities with intelligent solutions and better connectivity. Thorn is a proud member of the Zumtobel Group and fully dedicated to providing the right light for people, places and the environment. In all of our efforts: We make light work for you. Learn more at www.thornlighting.com

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