

Thorn lights up French football stadiums for the Euro 2016 finals

London, June 2016 – Thorn, a Zumtobel Group brand, has provided new lighting for three of the stadiums hosting Euro 2016 in the run-up to the tournament, ensuring that Euro 2016 matches will be seen in the best possible light. A key factor here was the stringent requirements imposed by UEFA for TV broadcasts. Thorn floodlights are in use at Geoffroy-Guichard stadium in Saint-Étienne, at the “Stade des Lumières” (Stadium of Light) in Lyon and at the Allianz-Riviera stadium in Nice. Together these attractive projects for the Thorn team in France represented contracts worth almost 1.5 million euro.

“We’re delighted to be contributing to this major football event through our Thorn brand. As an international lighting group, the Zumtobel Group has already supported many major sporting events. Thorn has more than 40 years’ experience in sports venue lighting and its innovative products will ensure that the scene is set perfectly for the thrilling encounters of Euro 2016. We’re looking forward to seeing top-class games in the stadiums and we’re very proud that our products are helping to deliver top-class lighting,” says Zumtobel Group CEO, Ulrich Schumacher.

A flexible system with variable lighting modes

Working in conjunction with VINCI, a leading player in building and operating football stadiums, and Léon Grosse, Thorn equipped the three venues with various different floodlights including Altis, Areaflood, Mundial and Champion. In addition to the pitches themselves, other areas including car parks, interiors and a facade were also illuminated. At all the stadiums, three or four variable lighting modes are available to meet the different lighting requirements during training, during a match and for TV broadcasts. The ability to adjust the level of illuminance makes this lighting solution not just highly flexible but very energy-efficient, too.

“In the lighting for the Euro 2016 stadiums our primary concern was to comply with UEFA’s guidelines for TV broadcasts in full. At the same time offering various lighting modes was also very important. We’ve been working with Thorn for years now and together we’ve achieved optimal lighting solutions for the stadiums in France –solutions that will soon be seen in action at Euro 2016,” says Damien Venet, Head of Service at the Electrical Contractor SPIE Sud-Est, who realized the lighting solution with Thorn at the stadium in Lyon.

Lighting sports venues for TV broadcasts – the key requirements

In the lighting of such major arenas the primary focus is on compliance with UEFA’s stringent demands for High-Definition TV broadcasts. As many as 300 floodlights are installed per stadium, directed in order to light the pitch evenly to the required illuminance level of 2.000 Lux. The vertical light distribution required to show the players optimally is 1.500 Lux – enabling cameras to capture their movements perfectly across the whole playing area. Even lighting across the whole of the pitch is another requirement, reducing shadows to a minimum. For slow-motion replays and HDTV coverage it is also very important that the light is almost completely flicker-free – a factor that is especially crucial in slow motion TV sequences. This “flicker factor” must be lower than 5% to comply with the UEFA guidelines. Colour rendering (≥ 80 Ra), colour temperature (5000-6200 Kelvin) and glare rating (GR <50) are further key criteria.

Thorn can draw on decades of experience in sports venue lighting. The brand has been a lighting partner of the legendary Wembley Stadium in London – now called Wembley Stadium connected by EE – for 40 years. Thorn lighting solutions are also in use at the Kapfenberg stadium in Austria, for example, and at Spennymoor Town Football Club in the UK. Thorn also provided a state-of-the-art lighting system at the Stadion Energa Gdańsk (Poland) for the Euro 2012 Championships, and ensured that various venues and infrastructures appeared in their best light at the Sochi winter games.

Pictures:



Euro 2016 matches at the Allianz-Riviera stadium in Nice (left) will appear in the best possible light thanks to lighting from Thorn.

Photo credit: Allianz Riviera, Nice - OGC Nice - www.ogcnice.com – Photo: © Serge Demailly



Stadium Geoffroy Guichard, Saint-Etienne; Architect: Chaix & Morel et Associés, Paris.

Photo: © Vincent Fillon



“Stades des Lumières” (Stadium of Light) - Parc Olympique Lyonnais – Lyon.

Photo: © Stephane Guiochon

Caption: In all, Thorn has illuminated three of the Euro 2016 stadiums in France – Geoffroy-Guichard stadium in Saint-Étienne and the “Stade des Lumières” (Stadium of Light) in Lyon, as well as the Allianz-Riviera stadium in Nice.

Information

This press release and high-resolution images are available as downloads at:

<http://www.thornlighting.com/en/about-us/press>

About Thorn

Thorn Lighting is a globally trusted supplier of outdoor and indoor luminaires with integrated controls. Our mission is to make great lighting easy for you. Our high performance lighting solutions can be found in many different applications such as sport, road, tunnel, cityscape, office, education or industry.

Founded in 1928, we have years of experience in providing lighting solutions. Leveraging our research and development facilities, we actively work to promote the correct lighting standards and are uniquely placed to combine the latest light source technology with our specialist expertise in optical and luminaire design. We focus on digitally-integrated solutions through the latest lighting controls technology. Our aim is to exceed the requirements of customers all over the world to become the trusted, reliable, professional long-term partner for cost-effective lighting.

We offer energy savings without compromising performance, efficiency and comfort. To achieve a lighting solution where aesthetics, optical performance, and energy consumption are all in perfect balance is at the core of what we do. Our lighting solutions are easy to specify, install, and maintain. Thorn is part of the Zumtobel Group.

For more information, go to www.thornlighting.com

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