

THORN

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Case Study

Leicester City Football Club, UK



Lighting fit for the Premier League - Thorn floodlights chosen for Leicester City FC



Background

In order to meet the levels of vertical illuminance needed for HDTV sport coverage Leicester FC needed to refurbish the King Power stadium. The refurbishment work commenced prior to the club becoming champions of the Premier League but it ensured the facility was elevated to Premier League standards.

Lighting Objectives

In order to achieve the required levels, floodlighting specialists PWP Building Services, Nottingham needed to provide 1650 lux to main camera position with extremely low levels of flicker to allow for super slow motion viewing.

With its unique combination of photometrics Thorn Lighting's Altis and Mundial Floodlights were the obvious choice.





Solution

PWP Building Services installed 192 x 2KW Altis and 12 x 2W Mundial floodlights. Altis is a high power floodlight for sports lighting applications that produces a unique quality of light suitable for HDTV broadcasting. Its flexible optical system optimises light distribution for best in class results, whilst the compact dimensions and low weight of the fitting present minimal structural costs. The IP65 rated Altis floodlight has been designed to provide the ultimate, fully controllable solution that enables two stage lighting. This allows for a lower illumination level after the match for ground maintenance which still maintains a good level of light but with increased energy savings.

The excellent thermal management ensures consistency and stability of light over time and memory setting provides the ability to retain the floodlight setting after maintenance. Accurate aiming is achieved with an adjustable precision aiming device around the frame.

Paul Lewis, Operations Manager at Leicester City FC commented
“The lights are fantastic and give an excellent coverage of the pitch. A great job by Thorn and installer PWP nothing was left to chance, two very professional companies.”

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