

Presse Press

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Playing field lighting at the highest technical level

Osram illuminates a football pitch in Hochstadt, Germany with innovative LED floodlight system

Osram Lighting Solutions planned and implemented new, innovative pitch lighting together with the 1st FC 1911 Hochstadt e. V. football club. Twelve innovative Siteco LED floodlights bathe the also new, FIFA-certified artificial turf in especially efficient and high-performance light.

Under the leadership of the Chairman Manfred Maier and the contribution of several club members, the historical Hessian 1st FC Hochstadt e. V. football club drew up a concept for new playing field lighting and called on the specialists from Osram Lighting Solutions for subsequent planning. The aim was to ensure that the lighting complies with higher requirements in terms of efficiency and quality of light and that it also reflects the modern outlook of the club, and in particular its new FIFA 2 star-certified artificial turf. STRABAG Sportstättenbau was commissioned as general contractor for the project, Osram technology and expertise was sourced for lighting design and planning, and FSB Beling installed and started up the luminaires.

The new high-efficiency pitch lighting consists of 12 Siteco Floodlight 20 Maxi LED units with two different light distributions. These achieve not only high lighting levels of approximately 110 lx and high uniformity with a correlation coefficient of 0.78, but also convincing results in terms of energy savings and cost efficiency. In agreement with the client the lighting system was designed to enable the two halves of the pitch to be separately switched. It is also possible to operate the system either completely or in parts

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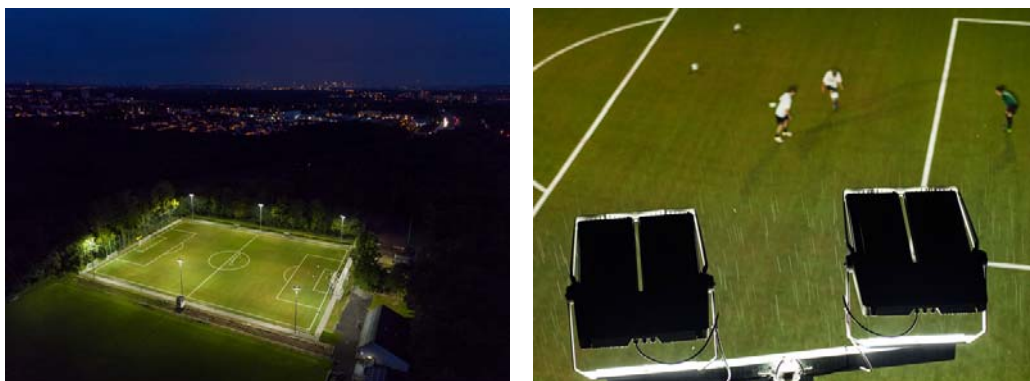
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at half illuminance level, for example as suited to normal athletic training or training units with low lighting needs.



The new high-efficiency pitch lighting consists of 12 Siteco Floodlight 20 Maxi LED units with two different light distributions.



Differing lighting levels and separately switchable halves of the pitch provides high efficiency and low operating overheads.

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Siteco Floodlight 20 maxi LED floodlights bathe the new artificial turf of the Hessian football club 1st FC 1911 Hochstadt in high-lumen, high-efficiency light.

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ABOUT OSRAM

OSRAM with headquarters in Munich, Germany is a globally leading lighting manufacturer with a company history of around 100 years. The product spectrum contains high-tech applications based on semiconductor technologies such as infrared and laser. Products are used in a wide variety of applications ranging from virtual reality, autonomous driving and mobile phones to networked, intelligent lighting solutions in buildings and cities. The company is global technology and market leader in the automotive lighting technology sector. OSRAM had approximately 24,600 employees around the world in continued business sectors (without Ledvance) with turnover of 3.8 billion euros to the end of the 2016 fiscal year (30 September). The company is listed on the Frankfurt am Main and Munich stock exchanges under WKN: LED 400 (stock exchange symbol: OSR). For further information, see www.osram.com.

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