



L	470
A	542
H	129

Luminaire for sports environments, with high luminous flux and high luminous efficiency, designed with the most innovative technology for environments with temperatures up to 55°C.

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
 Luminaire luminous flux 15942 lm.
 Direct symmetric wide distribution: the illuminated area has a rectangular shape.
 UGR <22 (EN 12464-1).
 Luminous efficacy 141 lm/W.
 Lifetime (L92/B10): 30000 h. (tq+25°C)
 Lifetime (L85/B10): 50000 h. (tq+25°C)
 Lifetime (L80/B10): 80000 h. (tq+25°C)
 Lifetime (L75/B10): 100000 h. (tq+25°C)
 Lifetime (L75/B10): 50000 h. (tq+55°C)
 Sudden decreased luminous flux after 50000 hours: 0% (C0).
 Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471, IEC/TR 62778.
 In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

2 Mid-Power linear LED modules 50W/840.
 Photometric code 840/339.
 Color rendering index CRI >80.
 CCT nominal color temperature 4000 K.
 Color initial tolerance (MacAdam): SDCM 3.

MECHANICAL CHARACTERISTICS

Passive heatsinks modular single-piece aluminum die-casting, oversized for optimal thermal management of the LED module with self-cleaning of cooling fins for chimney effect.
 Wiring body in aluminum and steel in white colour, specially strengthened, anchored solidly to the sinks and thermally separated.
 3F Lens lenses in photoengraved methacrylate with high luminous efficiency for wide distribution, fixed on the LED modules.
 Luminaire with limited surface temperature. - D -
 Dimensions: 470x542 mm, height 129 mm. Weight 9.65 kg.
 IP65 protection degree.
 Mechanical strength to impacts IK06 (1 joule).
 Glow-wire test resistance 650°C.

ELECTRICAL CHARACTERISTICS

Electronic wiring 230V-50/60Hz, power factor >0.97, constant output current, class I, 1 driver.
 Power of the luminaire 113 W (LED nominal 99 W).
 ENEC - CE - Assil Quality.
 Flicker: <4%.
 230 VAC/VDC ballast, compliant with EN 60598-2-22. In DC, the default power and flux are 100%, and in AC these remain at 100%.
 Ambient temperature from -30°C to +55°C.
 Quick connection.
 Power unit positioned on a separate compartment by the LED module to ensure optimum temperatures of cabling components, to be inspectable and maintainable.
 Relative humidity UR: <85%.

INSTALLATION

Ceiling / Suspended / Wall.

APPLICATIONS

Resistance against ball impacts in accordance with DIN 18032-3, CSI certification (IMQ group) Report 0031\DC\AEF\17.
 Luminaire suitable for gyms as well as sports, commercial, exhibition and industrial environments.
 Applications with high ambient temperature up to 55°C.

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process. Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

Dimensions and specifications subject to alterations without notice. ST. 0518

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