Product data sheet

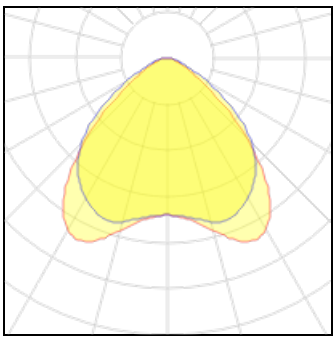
3F LEM 4 SPORT LED 200 CR AMPIO
59082
3F FILIPPI



IP 65 IK 06

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 Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 33978 lm. Direct symmetric wide distribution: the illuminated area has a rectangular shape. Installation Interdistance Transv.D = 1.49 x hu - Long.D = 1.43 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 23.2 - 24.2. Beam angle: 93° - 99°. Luminous efficacy 156 lm/W. Lifetime (L93/B10): 30000 h. (tq+25°C) Lifetime (L90/B10): 50000 h. (tq+25°C) Lifetime (L85/B10): 80000 h. (tq+25°C) Lifetime (L80/B10): 100000 h. (tq+25°C) Lifetime (L85/B10): 50000 h. (tq+55°C) Sudden decreased luminous flux after 50000 hours: 0% (C0). Photobiological safety in compliance with IEC/TR 62778: RG0 risk exempt, (IEC 62471). In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards. SOURCE 4 Mid-Power linear LED modules 50W/840. Energy efficiency class (UE 2019/2020 - UE 2019/2015): C. CIE 13.3 Colour rendering index: CRI >80 (R9 <50%). IES TM-30 Fidelity Index: Rf = 84 Rg = 95. CCT nominal colour temperature 4000 K. Colour initial tolerance (MacAdam): SDCM 3. MECHANICAL Passive modular heatsinks in die-casted aluminium, painted in white colour. To optimize the thermal management of the LED module, the heatsinks are oversized and provided with self-cleaning of cooling fins. Wiring body in aluminium and steel in white colour, specially strengthened, anchored solidly to the sinks and thermally separated. 3F Lens lenses with high luminous efficiency, transparent methacrylate (PMMA), fixed to the LED modules. Fixing brackets in stainless steel. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 757x542 mm, height 129 mm. Weight 17.365 kg. IP65 protection degree. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL Halogen Free electronic wiring 230V-50/60Hz, power factor 0.97, THD <25%, constant output current, class I, 2 driver. Power of the luminaire 218 W. ENEC - CE. SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light. Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC. Ambient temperature from -30°C to +55°C. Temperature class T6 max 85°C. Quick connection. Quick connection in polycarbonate with M20x1,5 cable gland, to access the terminal block positioned on a removable runner. 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. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Luminaire suitable for gyms as weel as sports, commercial, exhibition and industrial environments. Dry, dusty indoor environments, subject to occasional water splashes. Resistance against ball impacts in accordance with DIN 18032-3. WARNING Fixture not suitable for cold stores with an ambient temperature <0°C and/or relative humidity >85%. Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	218 W	CRI	80
Total flux	33978 lm	LOR	100%
Luminous efficacy	156 lm/W	Total power	218 W

Mounting mode

Ceiling mounted, Pendant

Shape and measurements

Length: 29.80 in

Width: 21.34 in

Height: 5.08 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 218 W

Appliance Class: I

Protection

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