

Product data sheet

3F CUB LED 150W CR VS

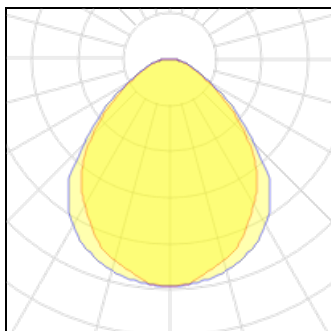
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ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 20740 lm. Symmetric wide direct distribution. Installation Interdistance Transv.D = 1.11 x hu - Long.D = 1.25 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 23.4 - 23.9. Beam angle: 88° - 92°. Luminous efficacy 130 lm/W. Lifetime (L90/B10): 30000 h. (tq+25°C) Lifetime (L85/B10): 50000 h. (tq+25°C) Lifetime (L80/B20): 80000 h. (tq+25°C) Lifetime (L70/B20): 100000 h. (tq+25°C) Lifetime (L70/B10): 50000 h. (tq+40°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 6 linear LED modules 25W/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** Housing with double casing in pressed aluminium, powder-coated in white epoxy-polyester, hinged opening. Quick connection in polycarbonate M20x1.5 cable gland for access to the terminal block. Ecologic anti-aging injected sealing gasket. Stainless steel clips. Total flow recuperator in specular aluminium, with superficial titanium-magnesium treatment, non-iridescent. VS moulded glass, non-combustible, thickness 4 mm, tempered, anti-glare. Fixing bracket for busbar or suspension in galvanised steel. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 680x680 mm, height 187 mm. Weight 11.025 kg. IP64 protection degree. Mechanical strength to impacts IK10 (20 joule). Glow-wire test resistance 960°C. **ELECTRICAL** Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, class I, 2 driver. Twin-circuit. Power of the luminaire 159 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 -20°C to +40°C. Temperature class T6 max 85°C. Quick connection. Relative humidity UR: <85%. **INSTALLATION** Ceiling / Suspended. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. **APPLICATIONS** In commercial environments, exhibition and industrial areas, stores, open areas. **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	159 W	CRI	80
Total flux	20740 lm	LOR	100%
Luminous efficacy	130 lm/W	Total power	159 W

Mounting mode

Ceiling mounted, Pendant

Electric

System power: 159 W

Appliance Class: I

Shape and measurements

Length: 26.77 in

Width: 26.77 in

Height: 7.36 in

Adjustability

Fixed

Design

Color of housing: White

Protection

IP: 64