Product data sheet

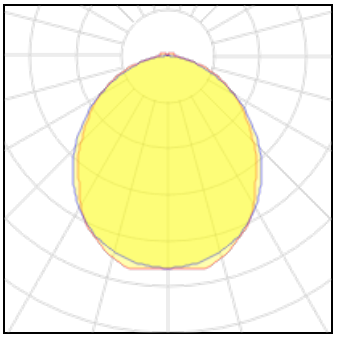
BETA 235 LED 751X50 L1265
52639
3F FILIPPI



IP 65

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 96%, ULOR 4%). Initial luminous flux of the luminaire 8119 lm. Installation Interdistance Transv.D = 1.19 x hu - Long.D = 1.23 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.7 - 22.2. Beam angle: 98° - 102°. Luminous efficacy 150 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+45°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 Linear LED module 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 Single-piece housing in pressed steel, powder-coated in white epoxy-polyester. Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilised, injection moulded. Ecologic anti-aging injected sealing gasket. Oversized gear-tray reflector unit in highly reflective white painted hot-galvanised steel. Galvanised steel safety snap-lock clips for diffuser mounting. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1265x235 mm, height 135 mm. Weight 6.85 kg. IP65 protection degree. Mechanical strength to impacts IK10 (20 joule). Glow-wire test resistance 850°C. ELECTRICAL Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, class I, 1 driver. Power of the luminaire 54 W. CE - IEC 60598-1 - EN 60598-1. Flicker: <4%. 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 +45°C. Temperature class T6 max 85°C. 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 Dry, dusty indoor environments, subject to occasional water splashes. Industrial environments, warehouses, environments requiring safety luminaires, such as prisons, thanks to the clips that can be locked by bolts (on request). Environments in which it is necessary a total protection against falling fragments (eg environments with foodstuffs or machines with moving parts or with extreme temperature changes), use luminaires with laminated glass. 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	54 W	CRI	80
Total flux	8119 lm	LOR	100%
Luminous efficacy	150 lm/W	ULOR	3%
		Total power	54 W

Mounting mode

Ceiling mounted, Pendant

Electric

System power: 54 W
Appliance Class: I

Shape and measurements

Length: 49.80 in

Width: 9.25 in

Height: 5.31 in

Adjustability

Fixed

Design

Color of housing: White

Protection

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