Product data sheet

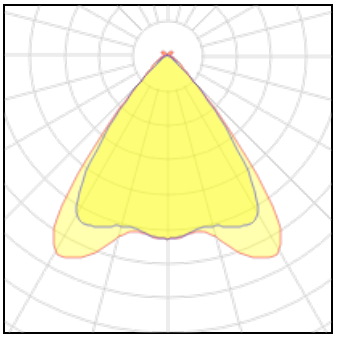
3F ZETA L UGR 50/940 LED L1783
11027
3F FILIPPI



IP 40 IK 06

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 97%, ULOR 3%). Initial luminous flux of the luminaire 6742 lm. Controlled direct symmetric distribution. Installation Interdistance Transv.D = 1.39 x hu - Long.D = 1.30 x hu. Average luminance <3000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.5 - 16.9. Beam angle: 78° - 75°. Luminous efficacy 135 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) 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/940. Energy efficiency class (UE 2019/2020 - UE 2019/2015): E. CIE 13.3 Colour rendering index: CRI >90 (R9 >50%). IES TM-30 Fidelity Index: Rf = 92 Rg = 101. CCT nominal colour temperature 4000 K. Colour initial tolerance (MacAdam): SDCM 3. MECHANICAL Housing in hot-galvanised steel, painted in white polyester, obtained through rolling process. Light unit in hot-galvanised steel, painted in white polyester base with fixing springs and retractable safety hooks in stainless steel. Transparent methacrylate (PMMA) controlled distribution lenses with flat external surface. End caps in white polycarbonate. Pair of stainless steel sliding brackets with sliding block screws. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1783x62 mm, height 65 mm. Weight 5.1 kg. IP40 protection degree. Mechanical strength to impacts IK06 (1 joule). 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 50 W. CE - IEC 60598-1 - EN 60598-1. 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 0°C to +25°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 Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7). In commercial environments, exhibition areas, shops and stores. In environments with VDTs, managerial offices and staterooms, public offices and schools. WARNING 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	50 W	CRI	90
Total flux	6742 lm	LOR	100%
Luminous efficacy	135 lm/W	ULOR	3%
		Total power	50 W

Mounting mode

Ceiling mounted, Pendant

Electric

System power: 50 W
Appliance Class: I

Shape and measurements

Length: 70.20 in

Width: 2.44 in

Height: 2.56 in

Adjustability

Fixed

Design

Color of housing: White

Protection

IP: 40

IK: 06