Product data sheet

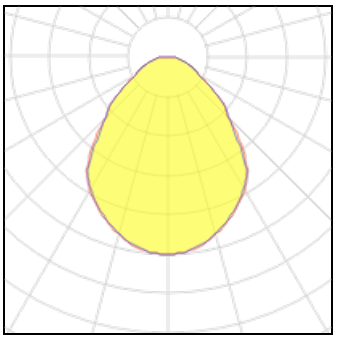
L 322X18W LED EP LGS 296X1196
21606
3F FILIPPI



IP 54 IK 06

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 3979 lm. Emergency luminaire luminous flux BLF 9.5%. Direct symmetric distribution. Installation Interdistance Transv.D = 1.16 x hu - Long.D = 1.16 x hu. Average luminance <3000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.9 - 18.9. Beam angle: 85° - 84°. Luminous efficacy 97 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 2 linear LED modules 18W/840. Energy efficiency class (UE 2019/2020 - UE 2019/2015): D. 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 2. MECHANICAL Steel body, painted in white polyester. Micro-prismatic flat diffuser in transparent methacrylate (PMMA), multilenticular exterior, anti-glare, locked to the white painted aluminium perimetral frame, sealing gasket, hinged opening. Anti-glare opal polycarbonate filter for brightness uniformity. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1196x296 mm, height 95 mm. Weight 5.32 kg. IP54 protection degree for exposed part, IP20 for recessed part. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class I, 1 driver. Power of the luminaire 41 W. CE - IEC 60598-1 - EN 60598-1. EP maintained emergency wiring on board, 1h duration, 24h recharge; compliant with EN 60598-2-22, excluding high risk areas. SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light. Ambient temperature from +5°C to +25°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Lay-in recessed fitting / Pull-up recessed fitting with brackets. False ceiling carving: 280x1180 mm. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Environments: sterilized, aseptic. In environments with VDU's, managerial offices and staterooms, environments involving accurate visual tasks where a diffused and soft light for an optimum visual comfort and the source total shielding are required. 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	41 W	CRI	80
Total flux	3979 lm	LOR	100%
Luminous efficacy	97 lm/W	Total power	41 W

Mounting mode

Ceiling recessed

Electric

System power: 41 W
Appliance Class: I

Shape and measurements

Length: 47.09 in

Width: 11.65 in

Height: 3.74 in

Adjustability

Fixed

Protection

IP: 54

IK: 06