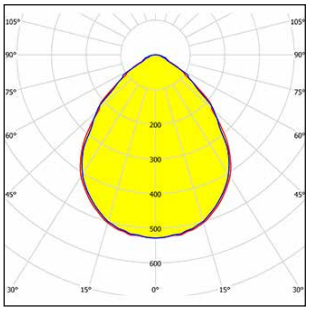
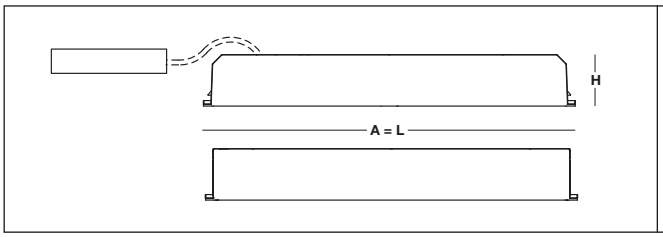
23889 - L 340 29W/940 EP LGS 596x596





L	596 mm
A	596 mm
H	80 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
Initial luminous flux of the luminaire 3451 lm.
Emergency luminaire luminous flux BLF 12%.
Direct symmetric distribution.
Installation Interdistance Transv.D = 1.19 x hu - Long.D = 1.17 x hu.
Average luminance <1500 cd/m² for radial angles >65°.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 16.1 - 16.1.
Beam angle: 87° - 86°.
Luminous efficacy 96 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

Squared LED module 29W/940.
Energy efficiency class (UE 2019/2020 - UE 2019/2015): D.
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.
Perimetral frame in white polycarbonate.
LGS micro-prismatic flat diffuser in transparent methacrylate (PMMA), multi-lenticular exterior, anti-glare.
Anti-glare opal polycarbonate filter for brightness uniformity.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 596x596 mm, height 80 mm. Weight 5.2 kg.
IP40 protection degree.
Mechanical strength to impacts IK06 (1 joule).
Glow-wire test resistance 650°C.

ELECTRICAL

Wiring on a separate unit.
Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90, THD <25%, constant output current, SELV, class II, 1 driver.
Power of the luminaire 36 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-on or pull-up recessed fitting using frame accessory.
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), BRC (GSFS Food).
Environments: with VDTs, meeting rooms, offices.
Environments: architectural, commercial, staterooms, banks.
Environments where demanding visual tasks are performed and soft diffuse light is required for optimal visual comfort and total shielding of the light source.

WARNING

Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Performances are measured and certified by our CTFs2 Photometric Laboratory (EN 13032, IES LM79); Test and Inspections (EN IEC 60598-1, CISPR 15, IEC 61547). Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process. Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

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