



ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 3389 lm.
 Emergency luminaire luminous flux BLF 11.4%.
 Direct symmetric distribution.
 Installation Interdistance Transv.D = 1.27 x hu - Long.D = 1.17 x hu.
 Average luminance <1000 cd/m² for radial angles >65°.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 14.3 - 14.7.
 Beam angle: 87° - 88°.
 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

3 linear LED modules 10W/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 2.

MECHANICAL

Housing in hot-galvanised steel, painted in white polyester.
 2MG parabolic louvre, high efficiency, in specular aluminium with superficial titanium-magnesium treatment, non-iridescent, with transverse blades closed at the top.
 Prismatic flat diffusers in transparent methacrylate (PMMA), multilenticular, anti-glare, prismatic outer surface, positioned above the louvre blades.
 Film protective against dust and finger marks, adhesive, attached to louvre.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 596x596 mm, height 80 mm. Weight 4.65 kg.
 IP20 protection degree.
 Mechanical strength to impacts IK02 (0.2 joule).
 Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.85, THD <25%, constant output current, SELV, class I, 1 driver.
 Power of the luminaire 35 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.
 On request: pull-up recessed fitting with brackets.
 False ceiling carving: 580x580 mm.
 All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

APPLICATIONS

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.

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).

Dimensions and specifications subject to alterations without notice.

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