



ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
Initial luminous flux of the luminaire 2591 lm.
Direct symmetric distribution.
Installation Interdistance Transv.D = 1.17 x hu - Long.D = 1.18 x hu.
Average luminance <3000 cd/m² for radial angles >65°.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.6 - 19.2.
Beam angle: 85° - 88°.
Luminous efficacy 108 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 22W/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 3.

MECHANICAL

Extruded aluminium housing.
White colour body RAL 9003 matt with embossed finish for maximum resistance to touch and scratches.
Removable gear-tray.
Hot-dip galvanised steel linear connecting element installed on the body for rapid mechanical connection.
Non-iridescent high efficiency specular aluminium with a titanium and magnesium surface treatment flow recuperator.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 1168x110 mm, height 71 mm. Weight 3.271 kg.
IP40 protection degree.
Mechanical strength to impacts IK02 (0.2 joule).
Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free DALI-2, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class I, 1 driver, 1 DALI addresse.
Power of the luminaire 24 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 15% in DC.
Ambient temperature from 0°C to +25°C.
Temperature class T6 max 85°C.
Entrance to the upper power supply in proximity to a power head.
5 mm² section 1.5 pin through line with an irreversible quick coupling plug plug/socket fixed on the body for rapid electrical connection.
Branching via an irreversible quick coupling plug to connect the cable housing element to the socket.
Relative humidity UR: <85%.

INSTALLATION

Pull-up recessed fitting.
False ceiling carving: 1168x103 mm.
In the channel versions, the FastWiring system drastically reduces the installation time.
All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

ACCESSORIES

FDP - Flat diffuser, externally microprismatic and made of transparent polycarbonate, with internal anti-glare opal polycarbonate filter for luminous uniformity.
Supplied in roll.

APPLICATIONS

Environments: with VDTs, meeting rooms, offices.
Environments: architectural, commercial, staterooms, banks.
Environments where dynamic, soft and diffuse light is required for optimal visual comfort.

LIGHT MANAGEMENT

Recommended minimum setting: 10%.
The device, equipped with DALI-2 driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with 3F Smart Dimming technology and/or centralised DALI systems.
DALI-2 certification guarantees interoperability with other devices with the same certification.
In electrical systems without a regulation system (manual or automatic) and DALI bus, a suitable jumper must be made on the DA-DA terminals of the appliance.

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).