



L	1246 mm
A	308 mm
H	40 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 3748 lm.
 Direct symmetric distribution.
 Installation Interdistance Transv.D = 1.32 x hu - Long.D = 1.00 x hu.
 Average luminance <1500 cd/m² for radial angles >65°.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 15.7 - 12.1.
 Beam angle: 75° - 59°.
 Luminous efficacy 139 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 12W/840.
 Energy efficiency class (UE 2019/2020 - UE 2019/2015): C.
 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

Housing in galvanized steel, painted in white epoxy-polyester (RAL 9016).
 Transparent methacrylate (PMMA) lenses with different facets to optimise the direction of the luminous flux.
 Anti-reflective white polycarbonate alveolar optic.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 1246x308 mm, height 40 mm. Weight 6.4 kg.
 IP40 protection degree.
 Mechanical strength to impacts IK02 (0.2 joule).
 Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free DALI-2 DATI (Parts 251, 252, 253), PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, class I, 1 driver, 1 DALI address.
 Power of the luminaire 27 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.
 Relative humidity UR: <85%.

INSTALLATION

Lay-in recessed fitting.

APPLICATIONS

Environments with very exacting visual tasks and control of luminance at angles of >45° compared to the LEED certification.
 Environments: with VDTs, meeting rooms, offices.
 Environments: architectural, commercial, staterooms, banks.

LIGHT MANAGEMENT

Recommended minimum setting: 10%.
 The luminaire, equipped with (DALI-2 DATI) driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with wired or wireless DALI/D2D control systems.
 The D2D driver guarantees interoperability with other devices with the same certification by making the following information available:
 Device Data (Part 251), Energy Report (Part 252), Diagnosis & Maintenance (Part 253).
 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).

Dimensions and specifications subject to alterations without notice.

ST.20260410 - Page 1 of 1

3F Filippi S.p.A.

Via del Savena 28, Z.I. Piastrella - 40065 Pian di Macina, Pianoro (Bologna), Italy
 Tax Code. 01033260371 - VAT no. IT00529461204 - Share Capital € 3,000,000 fully paid up
 Bologna Register of Companies no. 01033260371 - REA (economic administrative index) No. 234613

Web www.3F-Filippi.com
e-Mail 3F-Filippi@3F-Filippi.it
Telephone +39.051.6529611
Fax +39.051.775884