



L	596 mm
A	596 mm
H	80 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 3576 lm.
 Direct symmetric distribution.
 Installation Interdistance Transv.D = 1.17 x hu - Long.D = 1.14 x hu.
 Average luminance <3000 cd/m² for radial angles >65°.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 17.6 - 17.5.
 Beam angle: 91° - 88°.
 Luminous efficacy 123 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 25W/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 hot-galvanised steel, painted in white polyester.
 Perimetral frame in white polycarbonate.
 VS moulded glass, anti-glare, tempered, non-combustible, thickness 4 mm.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 596x596 mm, height 80 mm. Weight 6.4 kg.
 IP65 protection degree for exposed part, IP40 for recessed part.
 Mechanical strength to impacts IK08 (5 joule).
 Glow-wire test resistance 960°C.

ELECTRICAL

Wiring on a separate unit.
 Halogen Free DALI-2 DATI (Parts 251, 252, 253), PUSH-DIM, electronic wiring
 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output
 current, SELV, class II, 1 driver, 1 DALI address.
 Power of the luminaire 29 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 100% in DC.
 Ambient temperature from 0°C to +40°C.
 Temperature class T6 max 85°C.
 Relative humidity UR: <85%.

INSTALLATION

Lay-on or pull-up recessed fitting using frame and anti-fall safety cable
 accessories.
 All accessories dedicated to this product are available on the Catalog and on our
 website www.3F-Filippi.com.

APPLICATIONS

In environments requiring protection and simplified cleaning.
 Hospitals, pharmaceutical, chemical, aseptic laboratories, sterilised rooms.
 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.

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.

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