



L	621 mm
A	621 mm
H	30 mm

## ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).  
 Initial luminous flux of the luminaire 2694 lm.  
 Emergency luminaire luminous flux BLF 32.9%.  
 Direct symmetric distribution.  
 Installation Interdistance Transv.D = 1.39 x hu - Long.D = 1.39 x hu.  
 Average luminance <1000 cd/m<sup>2</sup> for radial angles >65°.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 15.8 - 15.7.  
 Beam angle: 93° - 92°.  
 Luminous efficacy 150 lm/W.  
 Lifetime (L95/B10): 30000 h. (tq+25°C)  
 Lifetime (L90/B10): 50000 h. (tq+25°C)  
 Lifetime (L80/B10): 80000 h. (tq+25°C)  
 Lifetime (L75/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 15W/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.  
 Honeycombed diagonal screen in white anti-glare polycarbonate.  
 Rhomboidal lenses with differentiated surfaces, etched and prismatic to optimise the orientation of the luminous flux, in transparent methacrylate (PMMA).  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 621x621 mm, height 30 mm. Weight 4.7 kg.  
 IP43 protection degree for exposed part, IP20 for recessed part.  
 Mechanical strength to impacts IK06 (1 joule).  
 Glow-wire test resistance 650°C.

## ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90, THD <25%, constant output current, class I, 1 driver.  
 Power of the luminaire 18 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.  
 Quick connection.  
 Relative humidity UR: <85%.

## INSTALLATION

Lay-in recessed fitting.  
 Height only 30 mm.  
 Installation on false ceilings with recessed dimensions greater than 596x596 standard size.  
 Installation after mounting the false ceiling, resting on the exposed structure, minimum void of 140 mm from the lower edge of the structure.  
 Simultaneous installation with the false ceiling, minimum void of 60 mm from the lower edge of the structure.  
 All accessories dedicated to this product are available on the Catalog and on our website [www.3F-Filippi.com](http://www.3F-Filippi.com).

## APPLICATIONS

Environments: staterooms, with VDTs, offices.  
 Environments with exacting visual tasks, where diffused soft light for optimum visual comfort is required.

## 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.20230912 - Page 1 of 1

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