



L	596 mm
A	596 mm
H	40 mm

## ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).  
 Initial luminous flux of the luminaire 3664 lm.  
 Direct symmetric distribution.  
 Installation Interdistance Transv.D = 1.23 x hu - Long.D = 1.23 x hu.  
 Average luminance <3000 cd/m<sup>2</sup> for radial angles >65°.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.7 - 18.7.  
 Beam angle: 102° - 101°.  
 Luminous efficacy 92 lm/W.  
 Lifetime (L93/B10): 30000 h. (tq+25°C)  
 Lifetime (L90/B10): 50000 h. (tq+25°C)  
 Lifetime (L80/B10): 80000 h. (tq+25°C)  
 Lifetime (L70/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 39W/930.  
 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 3000 K.  
 Colour initial tolerance (MacAdam): SDCM 3.

## MECHANICAL

White painted frame.  
 Height only 40 mm.  
 Housing in hot-galvanised steel, painted in white polyester.  
 Honeycombed diagonal screen in white anti-glare polycarbonate.  
 Opal methacrylate (PMMA) rhomboid lenses with differentiated, engraved and prismatic surfaces for diffused, soft lighting and excellent visual comfort.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 596x596 mm, height 40 mm. Weight 6.2 kg.  
 IP40 protection degree.  
 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 40 W.  
 ENEC - CE.  
 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 +25°C.  
 Temperature class T6 max 85°C.  
 Quick connection.  
 Relative humidity UR: <85%.

## INSTALLATION

Ceiling.

## 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.20251219 - 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