



L	621 mm
A	621 mm
H	30 mm

### ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).  
 Initial luminous flux of the luminaire 3567 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 18.6 - 18.6.  
 Beam angle: 102° - 101°.  
 Luminous efficacy 119 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: RGO risk exempt, (IEC 62471).  
 In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

### SOURCE

Squared LED module 25W/TW.  
 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.  
 The colour temperature can be adjusted between 2700 K and 6500 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.  
 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: 621x621 mm, height 30 mm. Weight 3.9 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 DALI DT8, 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 addresse.  
 Power of the luminaire 30 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.  
 5-pole terminal block (L-N-PE-DA/DA) quick connection for line connection with connection capacity 2x2.5 mm<sup>2</sup> per poles.  
 5-pole terminal block (L-N-PE-DA/DA) for line connection with connection capacity 2x2.5 mm<sup>2</sup>.  
 Relative humidity UR: <85%.

### INSTALLATION

Lay-in recessed fitting.  
 Height only 30 mm.  
 Installation in false ceilings with exposed structure.  
 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

Any environments requiring light which aims for the wellness of people.  
 Environments where soft diffuse light is required for optimal visual comfort and total shielding of the source.  
 Representative environments, with video terminals, offices, meeting rooms, transit areas, reception and waiting rooms.

### LIGHT MANAGEMENT

Recommended minimum setting: 10%.  
 The luminaire, equipped with DALI DT8 driver, is designed for adjusting the luminous flux and colour temperature; can be controlled manually or automatically/manually with 3F HCL technology or 3F Bluetooth.

### 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

### 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](http://www.3F-Filippi.com)  
**e-Mail** [3F-Filippi@3F-Filippi.it](mailto:3F-Filippi@3F-Filippi.it)  
**Telephone** +39.051.6529611  
**Fax** +39.051.775884