



L	596 mm
A	596 mm
H	30 mm

### ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).  
 Initial luminous flux of the luminaire 3488 lm.  
 Direct symmetric distribution.  
 Installation Interdistance Transv.D = 1.39 x hu - Long.D = 1.39 x hu.  
 Average luminance <1500 cd/m<sup>2</sup> for radial angles >65°.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.6 - 18.5.  
 Beam angle: 102° - 101°.  
 Luminous efficacy 120 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 25W/830.  
 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 3000 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: 596x596 mm, height 30 mm. Weight 3.755 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-2 DATI (Parts 251, 252, 253) electronic wiring  
 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output current, class I, 1 driver, 1 DALI address.  
 Wireless BLE/ZigBee light and presence sensor integrated in the luminaire.  
 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.  
 Ambient temperature from 0°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 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

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

### LIGHT MANAGEMENT

Recommended minimum setting: 10%.  
 Multi-sensor equipped luminaire (light and presence) with Wireless 2.4 GHz dual Bluetooth LE/Zigbee 3.0 technology.  
 Recommended installation height up to 4 m.  
 Each device in the Zigbee 3.0 network receives, regenerates and resends the signal to subsequent devices, creating a wireless Mesh Network.  
 Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

### 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

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