



L	1550 mm
A	130 mm
H	80 mm

### ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).  
 Initial luminous flux of the luminaire 4175 lm.  
 Direct diffused symmetric distribution.  
 Installation Interdistance Transv.D = 1.12 x hu - Long.D = 1.26 x hu.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.4 - 21.6.  
 Beam angle: 78° - 95°.  
 Luminous efficacy 113 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)  
 Lifetime (L85/B10): 50000 h. (tq+40°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

2 linear LED modules 16W/840.  
 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.  
 CCT nominal colour temperature 4000 K.  
 Colour initial tolerance (MacAdam): SDCM 3.

### MECHANICAL

Housing in white painted aluminium.  
 Flow recuperator.  
 VS moulded glass, non-combustible, thickness 4 mm, tempered, anti-glare, with Heat Soak Test (HST) thermal treatment, which drastically reduces the risk of spontaneous breakage.  
 Perimetrical frame in stainless steel, sealing gasket, stainless steel closing screws.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 1550x130 mm, height 80 mm. Weight 4.8 kg.  
 IP66 protection degree.  
 Mechanical strength to impacts IK08 (5 joule).  
 Glow-wire test resistance 960°C.

### ELECTRICAL

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 37 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 -15°C to +40°C.  
 Temperature class T6 max 85°C.  
 Insulation class resistant to impulse withstand voltage test of 6kV.  
 Power cable type H07RN-F 4x1,5 mm² that protrudes by 1 m from a head, via IP68 cable gland, with sheared end.  
 Relative humidity UR: <85%.

### INSTALLATION

Ceiling / Suspended / Recessed / Wall.  
 Recessed installation using a special built-in box.  
 Integrated into the 3F1 or 3F2 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

Suitable product for food production plants (HACCP), IFS (Food), BRC (GSFS Food).  
 In humid environments, platform-roof, underpasses.

### 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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