



L	1570 mm
A	100 mm
H	100 mm

Applications with high ambient temperature up to 50°C.

## ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 97%, ULOR 3%).  
 Initial luminous flux of the luminaire 3232 lm.  
 Controlled symmetric distribution.  
 Installation Interdistance Transv.D = 1.77 x hu - Long.D = 1.17 x hu.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20.4 - 21.4.  
 Beam angle: 109° - 64°.  
 Luminous efficacy 154 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+50°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

Linear LED module 18W/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

Self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey.  
 Ecologic anti-aging injected sealing gasket.  
 Gear-holder reflector in hot-dip galvanised steel, painted with white polyester base.  
 Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface.  
 Fixing brackets in stainless steel.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 1570x100 mm, height 100 mm. Weight 2.495 kg.  
 IP66 protection degree.  
 Mechanical strength to impacts IK10 (20 joule).  
 Glow-wire test resistance 850°C.

## ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90, THD <25%, constant output current, SELV, class I, 1 driver.  
 Power of the luminaire 21 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 -20°C to +50°C.  
 Temperature class T6 max 85°C.  
 Relative humidity UR: <85%.

## INSTALLATION

Ceiling / Suspended / Wall.  
 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 Version 6), BRC (GSFS Food Version 7).  
 Dry, dusty indoor environments, subject to occasional water splashes.  
 Applications with high ambient temperature up to 50°C.

## WARNING

Fixture not suitable for cold stores with an ambient temperature <0°C and/or relative humidity >85%.  
 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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