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|---|---------|
| L | 1200 mm |
| A | 101 mm  |
| H | 90 mm   |

## ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 97%, ULOR 3%).  
 Initial luminous flux of the luminaire 2709 lm.  
 Controlled direct symmetric distribution.  
 Installation Interdistance Transv.D = 1.39 x hu - Long.D = 1.19 x hu.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 22.4 - 21.5.  
 Beam angle: 121° - 102°.  
 Luminous efficacy 181 lm/W.  
 Lifetime (L97/B10): 30000 h. (tq+25°C)  
 Lifetime (L95/B10): 50000 h. (tq+25°C)  
 Lifetime (L92/B10): 80000 h. (tq+25°C)  
 Lifetime (L90/B10): 100000 h. (tq+25°C)  
 Lifetime (L90/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

Linear LED module 840.  
 Source with special protection against aggressive chemically-volatile substances for standard LED technology.  
 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 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.  
 Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface, tamper-proof opening.  
 Reflector cable holder in hot-dip galvanised steel, painted with white polyester-based paint fixed to the screen.  
 Vandal-proof safety screen closure with pressure-fit locking system, equipped with screwdriver-controlled release to allow maintenance operations.  
 Fixing brackets in stainless steel.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 1200x101 mm, height 90 mm.  
 IP66 protection degree.  
 Mechanical strength to impacts IK10 (20 joule).  
 Glow-wire test resistance 850°C.

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).

## ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.80, THD <25%, constant output current, class I, 1 driver.  
 Power of the luminaire 15 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 -20°C to +40°C.  
 Temperature class T6 max 85°C.  
 Quick connection via M20 3P connector with 9-13 mm tightening range.  
 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), BRC (GSFS Food).  
 Dry, dusty indoor environments, subject to occasional water splashes.  
 Virtually shatterproof polycarbonate compatibly with the fumes / atmospheres that compromise the elasticity of plastic materials.  
 Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions, on ropes or poles.

## 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.