



L	1270 mm
A	100 mm
H	100 mm

## ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 97%, ULOR 3%).  
 Initial luminous flux of the luminaire 3943 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 21.8 - 22.8.  
 Beam angle: 109° - 64°.  
 Luminous efficacy 141 lm/W.  
 Lifetime (L96/B10): 30000 h. (tq+25°C)  
 Lifetime (L93/B10): 50000 h. (tq+25°C)  
 Lifetime (L89/B10): 80000 h. (tq+25°C)  
 Lifetime (L85/B10): 100000 h. (tq+25°C)  
 Lifetime (L90/B10): 50000 h. (tq+35°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 24W/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.  
 Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface, tamper-proof opening.  
 Gear-holder reflector in hot-dip galvanised steel, painted with white polyester base.  
 Snug fit safety snap-lock clips for diffuser mounting in stainless steel, screwdriver opening.  
 Fixing brackets in stainless steel.  
 Possibility for technicians to access the interior of the luminaire.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 1270x100 mm, height 100 mm. Weight 2.059 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 28 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 100% in DC.  
 Ambient temperature from -20°C to +35°C.  
 Temperature class T6 max 85°C.  
 Entry for power-supply cable through ATEX M20x1,5mm polyamide cable gland, supplied.  
 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

Environments with ATEX explosive atmosphere for dust, zone 22 (Conformity 2014/34/UE, EN IEC 60079-0, EN 60079-31): Group II, Category 3D (Ex Tc IIIC T85°C Dc).  
 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.  
 Suitable for illumination of public car parks and parking grounds referred to DIN 67528:2018-04.

## 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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