



L	655 mm
A	235 mm
H	140 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 97%, ULOR 3%).
 Initial luminous flux of the luminaire 3836 lm.
 Wide symmetric distribution.
 Installation Interdistance Transv.D = 1.27 x hu - Long.D = 1.26 x hu.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20.4 - 22.
 Beam angle: 92° - 100°.
 Luminous efficacy 137 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+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

2 linear LED modules 12W/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

Single-piece housing in pressed steel, powder-coated in white epoxy-polyester.
 Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded, with smooth outer surface, sealing gasket, hinged opening by means of galvanised steel clips.
 Wide flow recuperator, oversized, in specular aluminium with superficial titanium-magnesium treatment, non-iridescent.
 Gear-tray unit in hot-galvanised steel, painted in white polyester, fixed to the housing by means of "Ribloc" rapid devices in galvanised steel, hinged opening.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 655x235 mm, height 140 mm. Weight 3.08 kg.
 IP65 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.
 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.

APPLICATIONS

Suitable product for food production plants (HACCP), IFS (Food), BRC (GSFS Food).
 In industrial environments, stores and dry, dusty indoor environments, subject to occasional water splashes.

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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3F Filippi S.p.A.

Via del Savena 28, Z.I. Piastrella - 40065 Pian di Macina, Pianoro (Bologna), Italy
 Tax Code. 01033260371 - VAT no. IT00529461204 - Share Capital € 3,000,000 fully paid up
 Bologna Register of Companies no. 01033260371 - REA (economic administrative index) No. 234613

Web www.3F-Filippi.com
e-Mail 3F-Filippi@3F-Filippi.it
Telephone +39.051.6529611
Fax +39.051.775884