



L	680 mm
A	680 mm
H	187 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 22909 lm.
 Symmetric wide direct distribution.
 Installation Interdistance Transv.D = 1.16 x hu - Long.D = 1.27 x hu.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20); RUG 24.2 - 24.4.
 Beam angle: 92° - 96°.
 Luminous efficacy 144 lm/W.
 Lifetime (L93/B10): 30000 h. (tq+25°C)
 Lifetime (L90/B10): 50000 h. (tq+25°C)
 Lifetime (L80/B10): 80000 h. (tq+25°C)
 Lifetime (L70/B10): 100000 h. (tq+25°C)
 Lifetime (L70/B10): 50000 h. (tq+40°C)
 Sudden decreased luminous flux after 50000 hours: 0% (C0).
 Photobiological safety in compliance with IEC/TR 62778: RGO risk exempt, (IEC 62471).
 In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

6 linear LED modules 25W/840.
 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

Housing with double casing in pressed aluminium, powder-coated in white epoxy-polyester, hinged opening.
 Quick connection in polycarbonate M20x1.5 cable gland for access to the terminal block.
 Ecologic anti-aging injected sealing gasket.
 Stainless steel clips.
 Total flow recuperator in specular aluminium, with superficial titanium-magnesium treatment, non-iridescent.
 Prismatic flat diffuser in multilenticular methacrylate (PMMA), anti-glare, prismatic outer surface, does not yellow or age.
 Fixing bracket for busbar or suspension in galvanised steel.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 680x680 mm, height 187 mm. Weight 8.965 kg.
 IP64 protection degree.
 Mechanical strength to impacts IK08 (5 joule).
 Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free DALI-2, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output current, class 1, 2 driver, 2 DALI addresses.
 Power of the luminaire 159 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 15% in DC.
 Ambient temperature from -20°C to +40°C.
 Temperature class T6 max 85°C.
 Quick connection.
 Relative humidity UR: <85%.

INSTALLATION

Ceiling / Suspended.
 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 commercial environments, exhibition and industrial areas, stores, open areas.

LIGHT MANAGEMENT

Recommended minimum setting: 10%.
 The device, equipped with DALI-2 driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with 3F Smart Dimming technology and/or centralised DALI systems.
 DALI-2 certification guarantees interoperability with other devices with the same certification.
 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

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.

ST.20260410 - Page 1 of 1

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