



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 136 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 2.049 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 at full load, THD <25%, constant output current, SELV, class I, 1 driver.
 High-frequency DALI radar motion sensor with Bluetooth interface, integrated into the device.
 Power of the luminaire 29 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.
 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).
 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.

LIGHT MANAGEMENT

The Bluetooth presence sensor integrated in the luminaire allows it to be turned on/off as a result of presence detection and the twilight threshold set.
 It also allows adjustment of the luminous flux and creation of a wireless network between DALI-BLE luminaires via the APP Free.
 Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.
 Recommended installation height on ceiling up to 5 m and on wall up to 1.8 m.
 Recommended minimum setting: 10%.

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

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