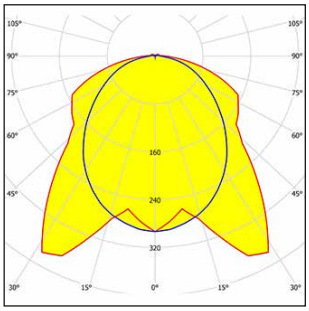
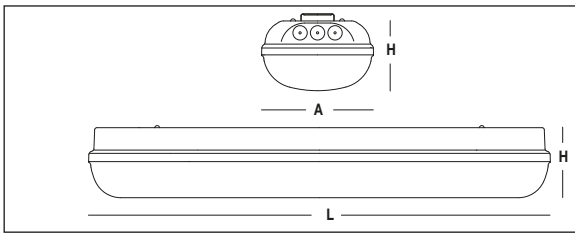
58475 - 3F Linda LED 2x30W ATEX 3D L1570







L	1570 mm
A	160 mm
H	100 mm

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
Initial luminous flux of the luminaire 9533 lm.
Controlled symmetric distribution.
Installation Interdistance Transv.D = 1.52 x hu - Long.D = 1.17 x hu.
UGR <22 (EN 12464-1).
Luminous efficacy 136 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 30W/840.
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 CHARACTERISTICS

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-tray reflector unit in hot-galvanised steel, painted in white polyester, fixed to the housing by means of steel rapid devices, hinged opening.
Snug fit safety snap-lock clips for diffuser mounting in stainless steel, screwdriver opening.
Possibility for technicians to access the interior of the luminaire.
Luminaire with limited surface temperature. - D -
Dimensions: 1570x160 mm, height 100 mm. Weight 3.348 kg.
IP65 protection degree.
Mechanical strength to impacts IK10 (20 joule).
Glow-wire test resistance 850°C.

ELECTRICAL CHARACTERISTICS

Halogen Free electronic wiring 230V-50/60Hz, power factor >0.97, constant output current, SELV, class I, 1 driver.
Power of the luminaire 70 W.
CE - IEC 60598-1 - EN 60598-1.
SAFE FLICKER: PstLM=<1 and SVM=<1 (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.

SUPPLIED

Fixing brackets in stainless steel.

APPLICATIONS

Product suitable for installation in food-production/processing environments (HACCP, IFS, BRC Standard).
Dry, dusty indoor environments, subject to occasional water splashes.
Virtually in all environments compatibly with the emissions/atmospheres compromising the use of plastic materials.
Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions, on ropes or poles.
ATEX environments. Group II, Category 3D, Ex Tc IIIC T85°C Dc (Conformity 2014/34/UE, EN IEC 60079-0, EN 60079-31).

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).

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