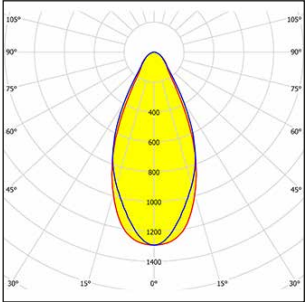


L	870 mm
A	515 mm
H	105 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 31034 lm.
 Direct symmetric concentrated distribution.
 Installation Interdistance Transv.D = 0.76 x hu - Long.D = 0.75 x hu.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20 - 20.8.
 Beam angle: 47° - 49°.
 Luminous efficacy 157 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+45°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

4 linear LED modules 50W/840.
 Source with special protection against aggressive chemically-volatile substances for standard LED technology.
 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 in white painted epoxy-polyester powder aluminium.
 White aluminium non-iridescent high efficiency.
 3F Lens lenses with high luminous efficiency, transparent methacrylate (PMMA), fixed to the LED modules.
 SL transparent methacrylate (PMMA) flat diffuser.
 Perimetrical frame in stainless steel with vandal-proof opening and stainless steel nuts and bolts.
 Polyurethane foam seal, ecological, anti-aging, installed using a continuous automatic process with no joints.
 Fixing bracket in stainless steel.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 870x515 mm, height 105 mm. Weight 9.23 kg.
 IP66 protection degree.
 Mechanical strength to impacts IK07 (2 joule).
 Glow-wire test resistance 850°C.

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, class I, 2 driver.
 Twin-circuit.
 Power of the luminaire 198 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 100% in DC.
 Ambient temperature from -20°C to +45°C.
 Temperature class T6 max 85°C.
 Quick connection via M20 3P connector with 9-13 mm tightening range.
 Quick connection in polycarbonate with M20x1,5 cable gland, to access the terminal block positioned on a removable runner.
 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).
 Commercial and industrial environments and warehouses.

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).