



L	470 mm
A	542 mm
H	129 mm

Industrial luminaire with high light output and high luminous efficiency designed with the most innovative technologies for environments with temperature up to 45°C.

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.  
Initial luminous flux of the luminaire 21951 lm.  
Direct symmetric wide distribution: the illuminated area has a rectangular shape.  
Installation Interdistance Transv.D = 1.49 x hu - Long.D = 1.43 x hu.  
UGR <22 (EN 12464-1).  
Luminous efficacy 159 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

2 Mid-Power linear LED modules 70W/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

Passive heatsinks modular single-piece aluminium die-casting, oversized for optimal thermal management of the LED module with self-cleaning of cooling fins for chimney effect.  
Wiring body in aluminium and galvanised steel anchored solidly to the sinks and thermally separated.  
3F Lens lenses in photoengraved methacrylate with high luminous efficiency for wide distribution, fixed on the LED modules.  
Luminaire with limited surface temperature. - D -  
Dimensions: 470x542 mm, height 129 mm. Weight 9.165 kg.  
IP65 protection degree.  
Mechanical strength to impacts IK06 (1 joule).  
Glow-wire test resistance 650°C.

ELECTRICAL CHARACTERISTICS

Halogen Free electronic wiring 230V-50/60Hz, power factor >0.97, constant output current, class I, 1 driver.  
Power of the luminaire 138 W.  
ENEC - CE.  
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 -30°C to +45°C.  
Temperature class T6 max 85°C.  
Quick connection.  
Power unit positioned on a separate compartment by the LED module to ensure optimum temperatures of cabling components, to be inspectable and maintainable.  
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](http://www.3F-Filippi.com).

APPLICATIONS

In commercial environments, exhibition and industrial areas, stores, open areas.

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.20210608 - Page 1 of 1