



L	1565 mm
A	235 mm
H	107 mm

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.  
Initial luminous flux of the luminaire 16431 lm.  
Concentrated elliptical distribution.  
Installation Interdistance Transv.D = 0.55 x hu - Long.D = 1.18 x hu.  
UGR <19 (EN 12464-1).  
Luminous efficacy 142 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 linear LED modules 55W/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

Single-piece housing in pressed steel, powder-coated in white epoxy-polyester.  
Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilised, injection moulded.  
Ecologic anti-aging injected sealing gasket.  
Oversized gear-tray reflector unit in highly reflective white painted hot-galvanised steel.  
PMMA lenses with external flat surface.  
Galvanised steel safety snap-lock clips for diffuser mounting.  
Dimensions: 1565x235 mm, height 107 mm. Weight 9.2 kg.  
IP65 protection degree.  
Mechanical strength to impacts IK09 (10 joule).  
Glow-wire test resistance 850°C.

ELECTRICAL CHARACTERISTICS

Halogen Free electronic wiring 230V-50/60Hz, power factor >0.95, constant output current, class I, 1 driver.  
Power of the luminaire 116 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 -20°C to +45°C.  
Temperature class T6 max 85°C.  
Quick connection.  
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

Product suitable for installation in food-production/processing environments (HACCP, IFS, BRC Standard).  
In industrial environments, stores and dry, dusty indoor environments, subject to occasional water splashes.

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).