



L	1565 mm
A	235 mm
H	107 mm

## ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.  
Initial luminous flux of the luminaire 13409 lm.  
Symmetrical elliptical hyperconcentrated distribution.  
Installation Interdistance Transv.D = 0.40 x hu - Long.D = 0.67 x hu.  
UGR <18 (EN 12464-1).  
Luminous efficacy 133 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 50W/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

Housing in AISI 304 stainless steel, pressed in one single piece.  
Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilised, injection moulded.  
Oversized gear-tray reflector unit in highly reflective white painted steel.  
PMMA lenses with external flat surface (superimposed to obtain full protection of LED modules).  
Stainless steel safety snap-lock clips for diffuser mounting.  
Dimensions: 1565x235 mm, height 107 mm. Weight 8.6 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 101 W.  
ENEC - CE.  
Flicker: <4%.  
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.  
Recommended minimum installation height: 4 metres from the ground.  
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).  
Dry, dusty indoor environments, subject to occasional water splashes.  
Any environments except the ones where the luminaire materials are unsuitable.

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.20210413 - Page 1 of 1