



L	1565 mm
A	235 mm
H	105 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 17971 lm.
 Controlled symmetric distribution.
 Installation Interdistance Transv.D = 1.48 x hu - Long.D = 1.36 x hu.
 Average luminance <3000 cd/m² for radial angles >65°.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 19.4 - 18.4.
 Beam angle: 81° - 79°.
 Luminous efficacy 160 lm/W.
 Lifetime (L97/B10): 30000 h. (tq+25°C)
 Lifetime (L95/B10): 50000 h. (tq+25°C)
 Lifetime (L92/B10): 80000 h. (tq+25°C)
 Lifetime (L90/B10): 100000 h. (tq+25°C)
 Lifetime (L90/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.
 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

Single-piece housing in pressed steel, powder-coated in white epoxy-polyester.
 VT transparent glass, non-combustible, single-piece perimeter frame in galvanised steel.
 Ecologic anti-aging injected sealing gasket.
 Oversized gear-tray reflector unit in highly reflective white painted hot-galvanised steel.
 Methacrylate (PMMA) lenses with external flat surface.
 Galvanised steel snap-lock clips for diffuser mounting (safety n° 4 per fixture).
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 1565x235 mm, height 105 mm. Weight 12.175 kg.
 IP66 protection degree.
 Mechanical strength to impacts IK09 (10 joule).
 Glow-wire test resistance 960°C.

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).

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, class I, 1 driver.
 Power of the luminaire 112 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.
 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.

APPLICATIONS

Environments with video terminals, offices.
 Dry, dusty indoor environments, subject to occasional water splashes.
 Industrial environments, warehouses, environments where security locks are required on all clips, e.g. prisons (on request).
 Environments in which it is necessary a total protection against falling fragments (eg environments with foodstuffs or machines with moving parts or with extreme temperature changes), use luminaires with laminated glass.
 Tempered glass is not immune to falling fragments from harmless and caused by shocks or exceptionally derived from the tempering process.

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.