



ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
Initial luminous flux of the luminaire 1474 lm.
Direct symmetric distribution.
Installation Interdistance Transv.D = 1.34 x hu - Long.D = 1.00 x hu.
Average luminance <200 cd/m² for radial angles >65°.
UGR <16 (EN 12464-1).
Luminous efficacy 109 lm/W.
Lifetime (L92/B10): 30000 h. (tq+25°C)
Lifetime (L85/B10): 50000 h. (tq+25°C)
Lifetime (L80/B10): 80000 h. (tq+25°C)
Lifetime (L75/B10): 100000 h. (tq+25°C)
Sudden decreased luminous flux after 50000 hours: 0% (C0).
Photobiological safety RG0, risk exempt, in compliance with IEC 62471, IEC/TR 62778.
In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

Linear LED module 12W/835.
CIE 13.3 Color rendering index: CRI >80.
IES TM-30 Fidelity Index: Rf = 84 Rg = 96.
CCT nominal color temperature 3500 K.
Color initial tolerance (MacAdam): SDCM 3.

MECHANICAL CHARACTERISTICS

Extruded aluminium housing.
Anodised body and aluminium colour heads.
Removable gear-tray.
Transparent methacrylate lenses with different facets to optimise the direction of the luminous flux.
Anti-reflective black polycarbonate alveolar optic.
Lighting head caps with specular aluminium frieze.
Black colour PVC superior closure top.
Dimensions: 1214x57 mm, height 80 mm. Weight 3.8 kg.
IP40 protection degree.
Mechanical strength to impacts IK02 (0.2 joule).
Glow-wire test resistance 650°C.

ELECTRICAL CHARACTERISTICS

Halogen Free DALI PUSH DIM electronic wiring 230V-50/60Hz, power factor >0.95 at full load, constant output current, class I, 1 driver.
Power of the luminaire 13.5 W (LED nominal 12 W).
CE - IEC 60598-1 - EN 60598-1.
Flicker: <4%.
Vac/Vdc driver suitable for EN 60598-2-22 emergency lighting systems, excluding high risk areas. The default power and flow are equal to 100% in AC and to 15% in DC.
Ambient temperature from 0°C to +25°C.
Entrance to the upper power supply in proximity to a power head.
Branching via an irreversible quick coupling plug to connect the cable housing element to the socket.
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

Environments with very exacting visual tasks and control of luminance at angles of >45° compared to the LEED certification.
Offices with video terminals, managerial offices and staterooms, meeting rooms and school.

LIGHT MANAGEMENT

The device, equipped with DALI driver, can be controlled manually with 3F Easy Dim technology or automatically / manually with 3F Smart Dimming technology.
In electrical systems without a regulation system (manual or automatic), a suitable jumper must be made on the DA-DA terminals of the appliance.

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).