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|---|--------|
| L | 596 mm |
| A | 596 mm |
| H | 30 mm |

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
Initial luminous flux of the luminaire 3686 lm.
Direct symmetric distribution.
Installation Interdistance Transv.D = 1.23 x hu - Long.D = 1.23 x hu.
Average luminance <3000 cd/m² for radial angles >65°.
UGR <19 (EN 12464-1).
Luminous efficacy 117 lm/W.
Lifetime (L90/B10): 30000 h. (tq+25°C)
Lifetime (L85/B10): 50000 h. (tq+25°C)
Lifetime (L80/B20): 80000 h. (tq+25°C)
Lifetime (L70/B20): 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

Squared LED module 25W/TW.
CIE 13.3 Color rendering index: CRI >80.
IES TM-30 Fidelity Index: Rf = 84 Rg = 95.
The color temperature can be adjusted between 2700 K and 6500 K.
Color initial tolerance (MacAdam): SDCM 3.

MECHANICAL CHARACTERISTICS

Housing in hot-galvanized steel, painted in white polyester.
Honeycombed diagonal screen in white anti-glare polycarbonate.
Opal methacrylate rhomboid lenses with differentiated, engraved and prismatic surfaces for diffused, soft lighting and excellent visual comfort.
Dimensions: 596x596 mm, height 30 mm. Weight 3.75 kg.
IP43 protection degree for exposed part, IP20 for recessed part.
Mechanical strength to impacts IK06 (1 joule).
Glow-wire test resistance 650°C.

ELECTRICAL CHARACTERISTICS

Halogen Free DALI electronic wiring 230V-50/60Hz, power factor >0.95 at full load, constant current output, SELV, class I, 1 driver.
Power of the luminaire 31.5 W (LED nominal 28 W).
CE - IEC 60598-1 - EN 60598-1.
Flicker: <1%.
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.
5-pole terminal block (L-N-PE-DA/DA) quick connection for line connection with connection capacity 2x2.5 mm².
5-pole terminal block (L-N-PE-DA/DA) for line connection with connection capacity 2x2.5 mm².
Relative humidity UR: <85%.

INSTALLATION

Lay-in recessed fitting.
Height only 30 mm.
Installation in false ceilings with exposed structure.
Installation after mounting the false ceiling, resting on the exposed structure, minimum void of 140 mm from the lower edge of the structure.
Simultaneous installation with the false ceiling, minimum void of 60 mm from the lower edge of the structure.
All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

APPLICATIONS

Environments: staterooms, with VDTs, offices.
Environments with exacting visual tasks, where diffused soft light for optimum visual comfort is required.

LIGHT MANAGEMENT

The luminaire, equipped with DALI DT8 driver, is designed for adjusting the luminous flux and color temperature; can be controlled manually or automatically/manually with 3F HCL technology.

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).