



L	1565
A	235
H	135

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
 Luminaire luminous flux 9146 lm.
 Symmetric concentrated distribution.
 UGR <22 (EN 12464-1).
 Luminous efficacy 131 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)
 Lifetime (L75/B10): 50000 h. (tq+45°C)
 Sudden decreased luminous flux after 50000 hours: 0% (C0).
 Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471, IEC/TR 62778.
 In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

2 linear LED modules 30W/840.
 Photometric code 840/339.
 Color rendering index CRI >80.
 CCT nominal color temperature 4000 K.
 Color initial tolerance (MacAdam): SDCM 3.

MECHANICAL CHARACTERISTICS

Single-piece housing in pressed aluminium, phosphate degreasing treatment using iron salts, powder-coated in white epoxy-polyester, UV stabilised.
 Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded, with smooth outer surface, sealing gasket, hinged opening by means of stainless steel clips.
 Diffuser fastening clips in AISI 304 stainless steel.
 Concentrated flow recuperator, oversized, in specular aluminium with superficial titanium-magnesium treatment, non-iridescent.
 Gear-tray unit in hot-galvanized steel, painted in white polyester, fixed to the housing by means of "Ribloc" rapid devices in galvanized steel, hinged opening.
 Slotted corner brackets and stainless steel nuts and bolts.
 Luminaire with limited surface temperature. - D -
 Dimensions: 1565x235 mm, height 135 mm. Weight 6.48 kg.
 IP65 protection degree.
 Mechanical strength to impacts IK10 (20 joule).
 Glow-wire test resistance 850°C.

ELECTRICAL CHARACTERISTICS

Electronic wiring 230V-50/60Hz, power factor >0.95, constant output current, fuse, SELV, class I, 1 driver.
 Power of the luminaire 70 W (LED nominal 62 W).
 CE - IEC 60598-1 - EN 60598-1.
 Flicker: <4%.
 Ambient temperature from -35°C to +45°C.
 Entry for power-supply cable at end cap through Skintop-type PG13.5 cable gland.
 L-N-E line terminal block with ceramic isolator protection powder-filled fuse, of the rapid type, 5x20 mm, of suitable capacity, 1500 A interrupt rating.
 Rigid single-pole cable wires, H05V2-U type, cross-sect. 0.5 mm².
 Relative humidity UR: <95%.

INSTALLATION

Ceiling / Suspended / Wall.

APPLICATIONS

In environments with temperature from -35° to +45°C, except the ones where the luminaire materials are unsuitable.
 Beta Ice LED luminaires can be installed in environments with humidity rate up to 95%.

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. 0518

Print date: 18/11/2018 - Page 1 di 1

3F Filippi S.p.A.
 Via del Savena, 28 - 40065 Pian di Macina - Pianoro (Bologna / Italy)
 CF. 01033260371 - P.I. IT00529461204 - Capitale Sociale Euro 3.000.000 i.v.
 Registro imprese di Bologna n. 01033260371 - REA N. 234613

Telephone +39 051.6529611
 Fax +39 051.775884
 Web Site www.3F-Filippi.it
 E-Mail 3F-Filippi@3F-Filippi.it