



L	255 mm
A	174 mm
H	360 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 96%, ULOR 4%).
 Initial luminous flux of the luminaire 582 lm.
 Downward bilateral wide distribution.
 Beam angle: 43° - 161°.
 Luminous efficacy 106 lm/W.
 Lifetime (L95/B10): 30000 h. (tq+25°C)
 Lifetime (L90/B10): 50000 h. (tq+25°C)
 Lifetime (L80/B10): 100000 h. (tq+25°C)
 Sudden decreased luminous flux after 50000 hours: 0% (C0).
 Photobiological safety in compliance with IEC/TR 62778: RGO risk exempt, (IEC 62471).
 In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

LED module 4W/840.
 Energy efficiency class (UE 2019/2020 - UE 2019/2015): E.
 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 4.

MECHANICAL

Self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey.
 Base in stainless steel, for rapid installation and disinstallation of luminaire without tools (by 4 stainless steel side clips).
 Flow recuperator in specular aluminium with superficial titanium-magnesium treatment, non-iridescent.
 Diffuser in transparent self-extinguishing V2 polycarbonate, UV stabilised, injection moulded with smooth outer surface and differentiated prismatic inner surface.
 Sealing gaskets between housing and diffuser in ecological anti-aging EPDM.
 Diffuser safety seal with 2 luminaires on the side to attach it to the housing, in stainless steel.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 255x174 mm, height 360 mm. Weight 3.55 kg.
 IP66 protection degree.
 Mechanical strength to impacts IK10 (20 joule).
 Glow-wire test resistance 850°C.

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90, THD <25%, constant output current, fuse, SELV, class II, 1 driver.
 Power of the luminaire 5.5 W.
 ENEC - CE.
 Flicker: <5%.
 Ambient temperature from 0°C to +25°C.
 Temperature class T6 max 85°C.
 Feeding on the luminaire with cable FG16(O)M16 (ex FG7(O)M1) 2x1,5 mm², 0,3 metres long, connected to IP67 mobile connector consists flush mounting box in UL94V0 self-extinguishing thermoplastic resin.
 Crimp contacts.
 Gland M20x1,5 self-extinguishing polyamide.
 Relative humidity UR: <85%.

INSTALLATION

Wall.

APPLICATIONS

Safety lighting for railway tunnels.
 Bilateral controlled distribution allows to optimise the lighting uniformity on pedestrian walkways.

WARNING

Luminaire designed for disposal/recycling at end-of-life.
 Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

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).

Dimensions and specifications subject to alterations without notice.

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