

SMART[4] Special versions



Smart [4] UL is the series of indoor LED lighting devices suitable for lighting of industries and sports facilities. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with gray fiberglass (RAL7035) with venting and anti-condensation device, aluminum alloy heat dissipation device EN AB 44300. It is equipped with a double optical system that provides a metallic reflector with ARRAY optics and a metallic reflector with PMMA lenses stabilized at the UV, high efficiency, which allow two different light distributions 60° and 90°. The electrical connection will be via 3x16 AWG tear-proof cable coming out of the product via a PG13.5 plastic cable gland UL certified. Industrial reflector is UL certified UL (UL 1598 - CSA C22.2 No. 250.0-18). It is possible to install hanging, wall and projection devices. It is available with three types of Colour Temperature (4000K / 5700K), CRI>80 Colour Rendering Index and ON/OFF power supply.

GENERAL INFORMATION

Context Logistics and industrial manufacturing lighting

Luminaire LED Industrial Reflector

Aplicație Internă

Unique digital code (Datamatrix) Datamatrix

Culoare Gri RAL 7035

Tip sursă de lumină LED - Neînlocuibil

Puterea sistemului 129 W

LED Lifetime L90B10(Tq25°C)>150.000h;
L90B10(Tq40°C)=140.000h

Greutate (Kg) 6.5

Garanție 5 ani

Temperatură de stocare -

Operating temperature -25°C ÷ +40 °C

MATERIALS

Body PA6 "Halogen Free" loaded fibreglass

Ecran Tempered glass Thickness 4mm

Optic Metallized polycarbonate reflector

Gasket anti-aging silicone

Locking Hook -

External screw Oțel

Colour Gri RAL 7035

STANDARDS AND APPROVALS

Clasificare -

Dispozitiv cu temperatură la suprafață redusă Da

Certificare DIN 18032-3 -

IPEA -

Clasă izolație I

Clasă de protecție IP IP66

Cod IK IK08

Glow Test conductori 850 °C

OPTIC AND ILLUMINATING FEATURES

Optică Array

Unified Glare Rating UGR ≤ 25

Lumină ieșire (lm) 17500

Efficiency (lm/W) 136

Culoare Temperatură 4000 K

Color Rendering Index CRI>80

Standard Deviation Colour Matching SDCM = 3

Photobiological Risk Class RG0

Standard UL 1598 - CSA C22.2 No. 250.0-18

ELETRICAL AND LIGHTING FEATURES

Tensiune de alimentare 120-277 V

Frecvență nominală (Hz) 50/60 Hz

Driver Included

Driver failure rate F10=100.000h Tq25°C/50.000h Tq40°C

Overvoltage protection DM 6 kV / CM 10 kV

Control System ON / OFF

INSTALLATION AND MAINTENANCE

Mouting and installation Ceiling - Wallmounting - Suspension

Tilt With bracket accessory

Wiring Single wiring with anti-breathing cable exiting metallic PG (NO Connector)

Prindere -

Optic Maintenance Non-replaceable

LED Maintenance Non-replaceable

Driver Box Integrat

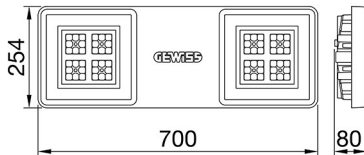
Suprafață maximă expusă la vânt 0,184 m²

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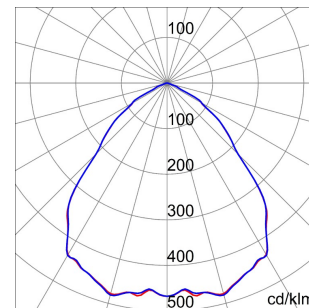
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DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
850 °C

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STANDARDS/APPROVALS

