

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

panoları İç

Unique digital code (Datamatrix) Datamatrix

Renk Gri RAL 7035

Işık kaynağı tipi LED - değiştirilemez

Sistem gücü 256 W

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

Ağırlık (kg) 13.5

Garanti 5 yıl

Depolama sıcaklığı -25°C ÷ +40 °C

Operating temperature -25°C ÷ +40 °C

MATERIALS

Body PA6 "Halogen Free" loaded fibreglass

Ekran tipi Tempered glass Thickness 4mm

Optic Metallic PC reflector and PMMA lenses

Gasket anti-aging silicone

Locking Hook -

External screw Paslanmaz çelik

Colour Gri RAL 7035

STANDARDS AND APPROVALS

Sınıflandırma -

Yüzey sıcaklığı azaltılmış cihaz Evet

DIN 18032-3 belgesi -

IPEA -

Yalıtım sınıfı I

IP derecesi IP66

Direnç dayanıklı IK08

Akkor Tel Deneyi: 850 °C

OPTIC AND ILLUMINATING FEATURES

Optik 90°

Unified Glare Rating UGR ≤ 22

Lümen çıkışı (lm) 36000

Efficiency (lm/W) 141

Renk Sıcaklık 5700 K

Color Rendering Index CRI>80

Standard Deviation Colour Matching SDCM = 3

Photobiological Risk Class RG0

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

ELETRICAL AND LIGHTING FEATURES

besleme voltaj 120-277 V

Nominal frekans (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)

için -

Optic Maintenance Non-replaceable

LED Maintenance Non-replaceable

Driver Box Yerleşik

Rüzgara maruz maksimum yüzey 0,350 m²

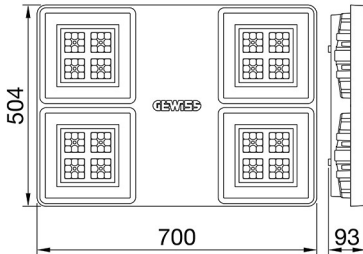
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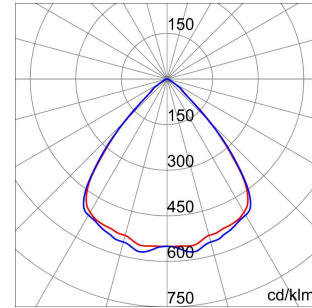
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DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

850 °C

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STANDARDS/APPROVALS

