

ESALITE HB



Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation device, waterproof connector for 1.5 mm² cables and stainless steel external screws. Integrated suspension fixing system thanks to a ring made directly in the die-cast aluminium. The die-cast aluminium structure guarantees optimal performance conditions both at Ta25° and Ta50° thanks to specific thermal sizing tests. The correct heat dispersion inside ESALITE is guaranteed by the special passive heat sink with a very low copper content that offers high qualitative and quantitative performances.

GENERAL INFORMATION

Context Logistics and industrial manufacturing lighting

Luminaire LED Industrial Reflector

Aplicação Interior/Exterior

Unique digital code (Datamatrix) Datamatrix

Cor Cinza RAL 9006

Tipo de fonte luminosa LED - Não substituível

Potência de sistema 52 W

LED Lifetime L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h

Peso (kg) 3.3

Garantia 5 anos

Temperatura de armazenagem -25°C + +70°C / HR 10% + 85%

Operating temperature -25°C + +50°C

MATERIALS

Body Injeção de alumínio

Vidro Flat tempered glass 4mm

Optic PMMA lens

Gasket CNC deposited sealant

Locking Hook -

External screw Stainless steel

Colour Polyester powder coated

STANDARDS AND APPROVALS

Classificação -

Aparelho com reduzida temperatura superficial -

Certificação DIN 18032-3 Si

IPEA -

Classe isolamento I

Grau de protecção IP66

Resistên. golpes IK08

Glow Wire Test -

OPTIC AND ILLUMINATING FEATURES

Óptica Elíptica

Unified Glare Rating UGR ≤ 28

Lúmen saída (lm) 5800

Efficiency (lm/W) 112

Temperatura de cor 4000 K

Color Rendering Index CRI>80

Standard Deviation Colour Matching SDCM = 3

Photobiological Risk Class RG0

Norma EN60598-1; IEC 62778; IEC62471

ELETRICAL AND LIGHTING FEATURES

Tensão de alimentação 220-240 V

Frequência nominal (Hz) 50/60 Hz

Driver Included

Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C

Overvoltage protection DM 6KV / CM 8KV

Control System DALI

INSTALLATION AND MAINTENANCE

Mouting and installation Suspended

Tilt Not possible

Wiring With watertight connector

Fixação -

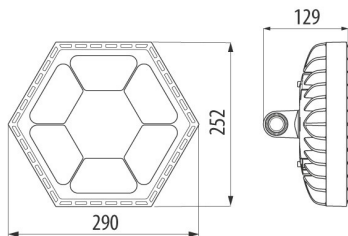
Optic Maintenance Not available

LED Maintenance Not available

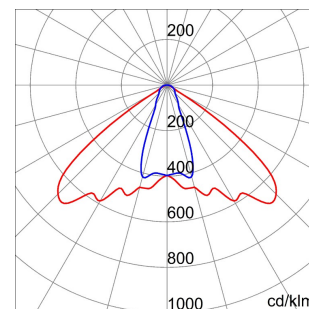
Driver Box Integrado

Superfície máxima exposta ao vento 0,06 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

-

STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 10/04/2021. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2

ESALITE HB

Tested acc. to
DIN 18032-3

