



Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat dissipation device in aluminium alloy EN AB 44300. It is equipped with a dual optical system that includes a metallic reflector with ARRAY optics and a metallic reflector with UV stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. The version with through wiring has pre-wired mechanical and electrical connection components. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (3000K / 4000K / 5700K), Color Rendering Index CRI>80 and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION

| | |
|----------------------------------|---|
| Context | Lighting for industries and sports facilities |
| Luminaire | LED Industrial Reflector |
| Toepassing | Intern |
| Unique digital code (Datamatrix) | Datamatrix |
| Kleur | Grijs RAL 7035 |
| Type lichtbron | LED |
| System vermogen | 125 W |
| LED Lifetime | L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h |
| Gewicht (kg) | 6.5 |
| Garantie | 5 jaar |
| Opslagtemperatuur | -40 +70 °C |
| Operating temperature | -30°C ÷ +50 °C |

MATERIALS

| | |
|----------------|---------------------------------------|
| Body | PA6 "Halogen Free" loaded fibreglass |
| Type plaat | Tempered glass Thickness 4mm |
| Optic | Metallic PC reflector and PMMA lenses |
| Gasket | anti-aging silicone |
| Locking Hook | - |
| External screw | Roestvrij staal |
| Colour | Grijs RAL 7035 |

STANDARDS AND APPROVALS

| | |
|--|--|
| Classificering | - |
| Toestel met verlaagde oppervlaktetemperatuur | Ja |
| DIN 18032-3-certificering | With Bracket - Rope Kit + terminal (in approval) |
| IPEA | - |
| Isolatie-klasse | I |
| IP-graad | IP66 |
| Stootbestendigheid | IK08 |
| Glow Wire Test | 850 °C |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|---|
| Optiek | Asymmetrisch |
| Unified Glare Rating | - |
| Lumen-vermogen (lm) | 17800 |
| Efficacy (lm/W) | 142 |
| Kleurtemperatuur | 4000 K |
| Colour Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Standaard | EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24 |

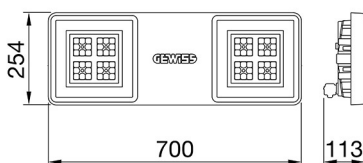
ELETRICAL AND LIGHTING FEATURES

| | |
|--------------------------|-------------------------------------|
| Voedings-spanning | 220 - 240 V |
| Nominale frequentie (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10 = 70.000h Tq25°C/35.000h Tq50°C |
| Overvoltage protection | DM 6kV / CM 6kV |
| Control System | ON / OFF |

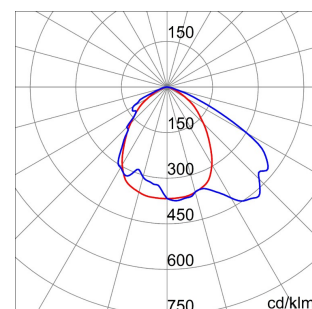
INSTALLATION AND MAINTENANCE

| | |
|-------------------------------------|--------------------------------------|
| Mounting and installation | Ceiling - Wallmounting - Suspension |
| Tilt | With bracket accessory |
| Wiring | With GW connect watertight connector |
| Bevestiging | - |
| Light source replaceability | By professional |
| Controlgear replaceability | By professional |
| Driver Box | Ingebouwd |
| Maximum surface exposed to the wind | 0,184 m² |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION





0,184 m²



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

**UK
CA**



Data, measures, designs and pictures are for information purpose only, last update 10/05/2024. 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>.