

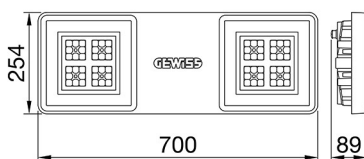
SMART[4]



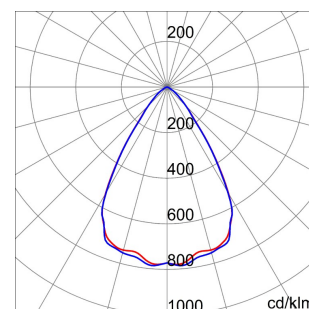
Smart [4] ATEX is the series of LED indoor lighting appliances ideal for use in areas where flammable gases, vapours and dust are present. Two different sizes available: 1M, 2M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device 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 60°, 90° and asymmetric light distributions. The electrical connection is via a 3x1.5 mm² H07RN-F cable with anti-condensation device exiting the product via a PG13.5 ATEX certified metal cable gland. The industrial reflector is certified ATEX II 3 G Ex nR IIC T6 Gc - II 3 D Ex tc IIIC T65°C Dc. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (4000K / 5700K), Color Rendering Index CRI>80 and ON/OFF power supply.

| GENERAL INFORMATION | | OPTIC AND ILLUMINATING FEATURES | |
|---|--|-------------------------------------|---|
| Context | Logistics and industrial manufacturing lighting | Optiek | 60° |
| Luminaire | LED Industrial Reflector | Unified Glare Rating | UGR ≤ 22 |
| Toepassing | Intern | Lumen- vermogen (lm) | 19800 |
| Unique digital code (Datamatrix) | Datamatrix | Efficacy (lm/W) | 156 |
| Kleur | Grijs RAL 7035 | Kleur temperatuur | 5700 K |
| Type lichtbron | LED | Colour Rendering Index | CRI>80 |
| System vermogen | 127 W | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h | Photobiological Risk Class | RG0 |
| Gewicht (kg) | 6 | Standaard | EN 60079-0 ; EN 60079-15 ; EN 60079-31 ; EN 60598-1 ; EN 60598-2-1 |
| Garantie | 5 jaar | ELETRICAL AND LIGHTING FEATURES | |
| Opslagtemperatuur | -40 +70 °C | Voedings- spanning | 220 - 240 V |
| Operating temperature | +5°C + +40 °C | Nominale frequentie (Hz) | 50/60 Hz |
| MATERIALS | | Driver | Included |
| Body | PA6 "Halogen Free" loaded fibreglass | Driver failure rate | F10=100.000h Tq25°C/50.000h Tq40°C |
| Type plaat | Tempered glass Thickness 4mm | Overvoltage protection | DM 6 kV / CM 10 kV |
| Optic | Metallic PC reflector and PMMA lenses | Control System | ON / OFF |
| Gasket | anti-aging silicone | INSTALLATION AND MAINTENANCE | |
| Locking Hook | - | Mounting and installation | Ceiling - Wallmounting - Suspension |
| External screw | Roestvrij staal | Tilt | With bracket accessory |
| Colour | Grijs RAL 7035 | Wiring | Single wiring with anti-breathing cable exiting metallic PG (NO Connector) |
| STANDARDS AND APPROVALS | | Bevestiging | - |
| Classificering | ATEX: II 3 G Ex nR IIC T6 Gc - II 3 D Ex tc IIIC T65°C Dc | Light souce replaceability | By professional |
| Toestel met verlaagde oppervlaktetemperatuur | Ja | Controlgear replaceability | By professional |
| DIN 18032-3-certificering | - | Driver Box | Ingebouwd |
| IPEA | - | Maximum surface exposed to the wind | 0,184 m² |
| Isolatie- klasse | I | | - |
| IP- graad | IP66 | | - |
| Stoot- bestendigheid | IK08 | | - |
| Glow Wire Test | 850 °C | | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[4]

TECHNICAL SYMBOLOGY



0,184 m²



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

**UK
CA**

