

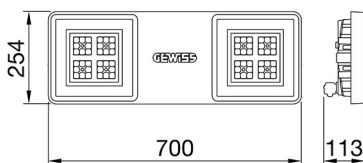
SMART[4]



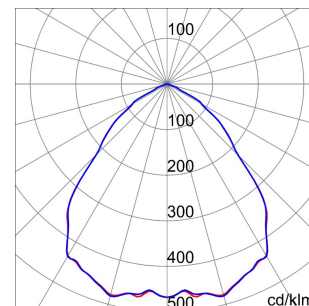
Smart [4] HT is the series of LED indoor appliances suitable for the food industry, production areas or warehouses where critical temperatures develop. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with venting and anti-condensation 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-stabilised, high-efficiency PMMA lenses, which allow a wide variety of 60°, 90° and Elliptical light distributions. Operating temperature range "Ta" between -30°C and + 60°C. 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 | Array |
| Luminaire | LED Industrial Reflector | Unified Glare Rating | UGR ≤ 25 |
| Toepassing | Intern | Lumen-vermogen (lm) | 15400 |
| Unique digital code (Datamatrix) | Datamatrix | Efficacy (lm/W) | 162 |
| Kleur | Grijs RAL 7035 | Kleur temperatuur | 5700 K |
| Type lichtbron | LED | Colour Rendering Index | CRI>80 |
| System vermogen | 95 W | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10(Tq25°C)>150.000h; L90B10(Tq60°C)=60.000h | Photobiological Risk Class | RG0 |
| Gewicht (kg) | 6.5 | Standaard | EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24 |
| Garantie | 5 jaar | ELETRICAL AND LIGHTING FEATURES | |
| Opslagtemperatuur | -40 +70 °C | Voedings-spanning | 220 - 240 V |
| Operating temperature | -30°C + +60 °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 Tq60°C |
| Type plaat | Tempered glass Thickness 4mm | Overvoltage protection | DM 6 kV / CM 10 kV |
| Optic | Metallized polycarbonate reflector | 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 | With GW connect watertight connector |
| STANDARDS AND APPROVALS | | Bevestiging | - |
| Classificering | - | Light source 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 | | - |
| Stootbestendigheid | 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

