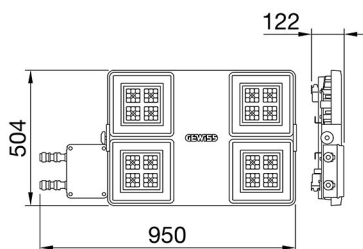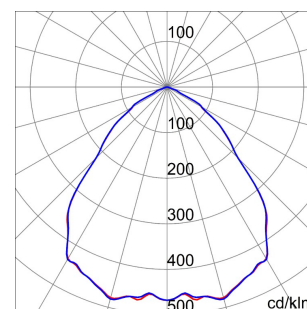SMART [4]

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 | - | OPTIC AND ILLUMINATING FEATURES | - |
|---|---|---|---|
| Context | Lighting for industries and large sports facilities | Optiek | Array |
| Luminaire | LED Industrial Reflector | Unified Glare Rating | UGR ≤ 25 |
| Toepassing | Intern | Lumen output (lm) | 29200 (900 Em.) |
| Unique digital code (Datamatrix) | Datamatrix | Efficacy (lm/W) | 154 |
| Kleur | Grijs RAL 7035 | Kleur temperatuur | 3000 K |
| Type lichtbron | LED | Colour Rendering Index | CRI>80 |
| System power | 189 W (+5W Emerg.) | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10 (Tq+25°C) = 100.000 h - L90B10 (Tq+50°C) = 50.000 h | Photobiological Risk Class | RG0 |
| Gewicht (kg) | 15 | Standaard | EN 60598-2-22 ; EN 60598-1 ; EN 60598-2-24 |
| Garantie | 5 jaar | ELETRICAL AND LIGHTING FEATURES | - |
| Opslagtemperatuur | -40 +70 °C | Voedings-spanning | 220 - 240 V |
| Operating temperature | 0 ÷ +40 °C | Nominale frequentie (Hz) | 50/60 Hz |
| MATERIALS | - | Driver | Included |
| Body | PA6 "Halogen Free" loaded fibreglass | Type plaat | Tempered glass Thickness 4mm |
| Overvoltage protection | DM 6 kV / CM 10 kV | Optic | Metallized polycarbonate reflector |
| Control System | 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) | Gasket | anti-aging silicone |
| INSTALLATION AND MAINTENANCE | - | Locking Hook | - |
| Mounting and installation | Ceiling light - Suspension | External screw | Roestvrij staal |
| Tilt | - | Colour | Grijs RAL 7035 |
| Wiring | With GW connect watertight connector | STANDARDS AND APPROVALS | - |
| Bevestiging | - | Classificering | - |
| Light souce replaceability | By professional | Toestel met verlaagde oppervlaktetemperatuur | Ja |
| Controlgear replaceability | By professional | DIN 18032-3-certificering | Available (under certain installation conditions) |
| Driver Box | Ingebouwd | IPEA | - |
| Maximum surface exposed to the wind | 0,390 m² | Isolatie-klasse | I |
| | - | IP-graad | IP65 |
| | - | Stoot-bestendigheid | IK08 |
| | - | Glow Wire Test | 850 °C |
| | - | | |

## DIMENSIONAL

122
504
950

## PHOTOMETRIC DISTRIBUTION

cd/klm

SMART [4]

# TECHNICAL SYMBOLOGY

0,390 m²

| | | | IP | IK | GWT |
|---|---|---|---|---|---|
| | | | IP65 | IK08 | 850 °C |

# STANDARDS/APPROVALS

UK CA  CE