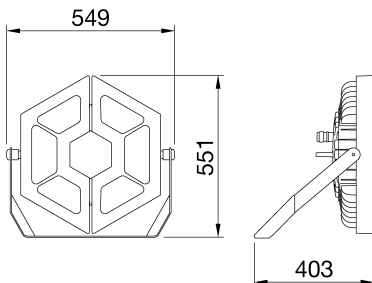


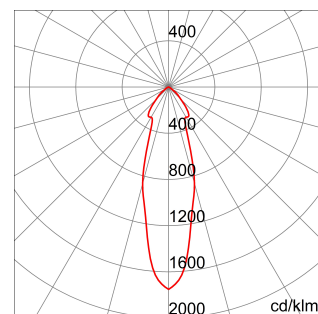
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation 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 | | OPTIC AND ILLUMINATING FEATURES | |
|---|---|-------------------------------------|---|
| Context | Industry, Logistic, Façade, Sport | Optic | Narrow 30° |
| Luminaire | LED luminaire with mid and high lumen power | Unified Glare Rating | UGR ≤ 25 |
| Application | Indoor / Outdoor | Lumen output (lm) | 20200 |
| Unique digital code (Datamatrix) | Datamatrix | Efficacy (lm/W) | 96 |
| Colour | Grey RAL 9006 | Colour temperature | 3000 K |
| Type of light source | LED | Colour Rendering Index | CRI>80 |
| System power | 210 W | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h | Photobiological Risk Class | - |
| Weight (kg) | 13.7 | Standard | EN60598-1; EN60598-2-5; IEC 62778; IEC62471 |
| Warranty | 5 years | ELETRICAL AND LIGHTING FEATURES | |
| Stocking temperature | -25°C ÷ +70°C / HR 10% ÷ 85% | Supply voltage | 220-240 V |
| Operating temperature | -25°C ÷ +50°C | Rated frequency (Hz) | 50/60 Hz |
| MATERIALS | | Driver | Included |
| Body | Die-cast aluminium | Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq40°C |
| Shield type | Flat tempered glass 4mm | Overvoltage protection | DM 6KV / CM 8KV |
| Optic | PMMA lens | Control System | DALI |
| Gasket | CNC deposited sealant | INSTALLATION AND MAINTENANCE | |
| Locking Hook | - | Mounting and installation | Bracket |
| External screw | Stainless steel | Tilt | With graduated fixing bracket |
| Colour | Polyester powder coated | Wiring | With watertight connector |
| STANDARDS AND APPROVALS | | Fixing | - |
| Classification | - | Light source replaceability | Non-replaceable |
| Device with reduced surface temperature | - | Controlgear replaceability | By professional |
| DIN 18032-3 certification | Not available | Driver Box | Built-in |
| IPEA | - | Maximum surface exposed to the wind | 0,20 m ² |
| Insulation class | I | - | - |
| IP degree | IP66 | - | - |
| Mechanical resistance | IK08 | - | - |
| Glow Wire Test | - | - | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY





Product Data Sheet
GWS6452GD30K

ESALITE FL

STANDARDS/APPROVALS

