

Product Data Sheet

GWS6042GD57K

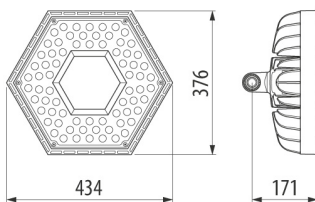
ESALITE HB



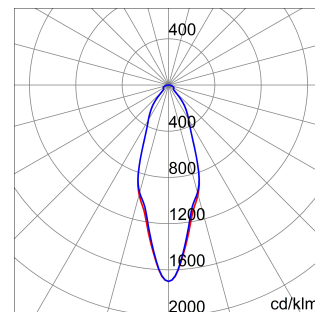
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminum with polyester powder coating. Correct lighting is provided by an optical system composed of different versions of lenses. Silicone gaskets, breathing and anti-condensation device in Goretex, waterproof connector for 1.5 mm² cables and stainless steel external screws. Integrated suspension fixing system thanks to a ring made directly in the die-cast aluminum. The die-cast aluminum structure guarantees optimal performance conditions both @ 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 | Logistics and industrial manufacturing lighting | Optic | Narrow 30° |
| Luminaire | LED Industrial Reflector | Unified Glare Rating | UGR ≤ 25 |
| Application | Internal | Lumen output (lm) | 16800 |
| Unique digital code (Datamatrix) | Datamatrix | Efficacy (lm/W) | 114 |
| Colour | Grey RAL 9006 | Colour temperature | 5700 K |
| Type of light source | LED | Colour Rendering Index | CRI>80 |
| System power | 148 W | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h | Photobiological Risk Class | RG0 |
| Weight (kg) | 7.5 | Standard | EN60598-1; 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 + +40 °C | Rated frequency (Hz) | 50/60 Hz |
| MATERIALS | | Driver | Included |
| Body | Die-cast aluminium | Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq50°C |
| Shield type | High transparency PMMA | Overvoltage protection | DM 6KV / CM 8KV |
| Optic | PMMA lens | Control System | DALI |
| Gasket | Silicon | INSTALLATION AND MAINTENANCE | |
| Locking Hook | - | Mounting and installation | Suspended |
| External screw | Stainless steel | Tilt | Not possible |
| 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 | No | Driver Box | Built-in |
| IPEA | - | Maximum surface exposed to the wind | 0.12 m ² |
| Insulation class | I | | - |
| IP degree | IP65 | | - |
| Mechanical resistance | IK07 | | - |
| Glow Wire Test | 650 °C | | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS

