# Product Data Sheet
# GWS6333GD30K

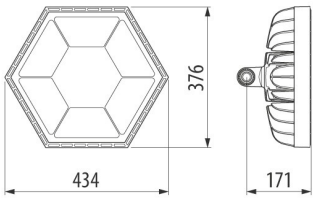
ESALITE HB
Industriële toestellen

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.

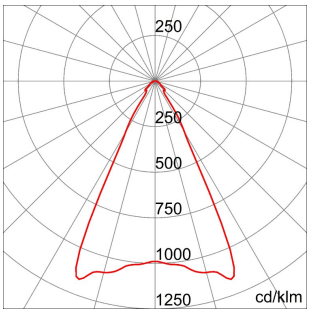
| | |
|---|---|
| **GENERAL INFORMATION** | - |
| Context | Logistics and industrial manufacturing lighting |
| Luminaire | LED Industrial Reflector |
| Toepassing | Binnenshuis / buitenshuis |
| Unique digital code (Datamatrix) | Datamatrix |
| Kleur | Grey RAL 9006 |
| Type lichtbron | LED |
| System vermogen | 125 W |
| LED Lifetime | L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h |
| Gewicht (kg) | 7.5 |
| Garantie | 5 jaar |
| Opslagtemperatuur | -25°C ÷ +70°C / HR 10% ÷ 85% |
| Operating temperature | -25°C ÷ +50°C |
| **MATERIALS** | - |
| Body | Gietaluminium - |
| Type plaat | Flat tempered glass 4mm |
| Optic | PMMA lens |
| Gasket | CNC deposited sealant |
| Locking Hook | - |
| External screw | Stainless steel |
| Colour | Polyester powder coated |
| **STANDARDS AND APPROVALS** | - |
| Classificering | - |
| Toestel met verlaagde oppervlaktetemperatuur | - |
| DIN 18032-3-certificering | Ja |
| IPEA | - |
| Isolatie-klasse | I |
| IP-graad | IP66 |
| Stoot-bestendigheid | IK08 |
| Glow Wire Test | - |

| | |
|---|---|
| **OPTIC AND ILLUMINATING FEATURES** | - |
| Optiek | Gemiddeld 60° |
| Unified Glare Rating | UGR ? 28 |
| Lumen-vermogen (lm) | 12600 |
| Efficacy (lm/W) | 101 |
| Kleur temperatuur | 3000 K |
| Colour Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Standaard | EN60598-1; IEC 62778; IEC62471 |
| **ELETRICAL AND LIGHTING FEATURES** | - |
| Voedings-spanning | 220-240 V |
| Nominale frequentie (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq50°C |
| Overvoltage protection | DM 6KV / CM 8KV |
| Control System | DALI |
| **INSTALLATION AND MAINTENANCE** | - |
| Mounting and installation | Suspended |
| Tilt | Not possible |
| Wiring | With watertight connector |
| Bevestiging | - |
| Light souce replaceability | Non-replaceable |
| Controlgear replaceability | By professional |
| Driver Box | Ingebouwd |
| Maximum surface exposed to the wind | 0.12 m² |
| | - |
| | - |
| | - |

## DIMENSIONAL




## PHOTOMETRIC DISTRIBUTION



Product Data Sheet

# GWS6333GD30K

ESALITE HB
Industriële toestellen

## TECHNICAL SYMBOLOGY

0.12 m²

| IP | IK | GWT |
|---|---|---|
| IP66 | IK08 | - |

## STANDARDS/APPROVALS