

# Product Data Sheet

## GWS6333GD30K

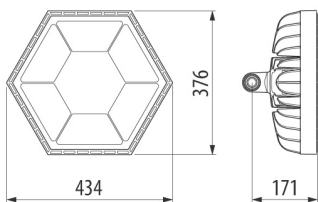
ESALITE HB



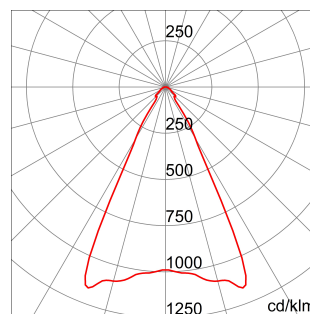
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation device, waterproof connector for 1.5 mm<sup>2</sup> 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                                 | Logistics and industrial manufacturing lighting   | Optic                               | Medium 60°                           |
| Luminaire                               | LED Industrial Reflector                          | Unified Glare Rating                | UGR ≤ 28                             |
| Application                             | Indoor / Outdoor                                  | Lumen output (lm)                   | 12600                                |
| Unique digital code (Datamatrix)        | Datamatrix  | Efficacy (lm/W)                     | 101                                  |
| Colour                                  | Grey RAL 9006                                     | Colour temperature                  | 3000 K                               |
| Type of light source                    | LED   | Colour Rendering Index              | CRI>80                               |
| System power                            | 125 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   | ELECTRICAL 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 Tq50°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           | 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               | Yes   | Driver Box                          | Built-in                             |
| IPEA                                    | -   | Maximum surface exposed to the wind | 0.12 m <sup>2</sup>                  |
| Insulation class                        | I   | -                                   | -                                    |
| IP degree                               | IP66  | -                                   | -                                    |
| Mechanical resistance                   | IK08  | -                                   | -                                    |
| Glow Wire Test                          | -   | -                                   | -                                    |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
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### STANDARDS/APPROVALS

