

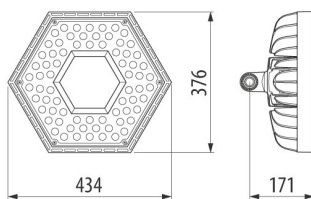
### ESALITE HB Industriële toestellen



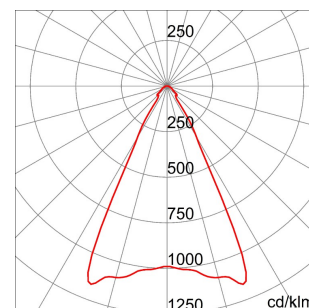
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminum with polyester powder coating. Correct lighting is provided by an optical system composed of different versions of lenses. Silicone gaskets, breathing and anti-condensation device in Goretex, waterproof connector for 1.5 mm<sup>2</sup> 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      | Optiek                                 | Gemiddeld 60°                        |
| Luminaire                                       | LED Industrial Reflector                             | Unified Glare Rating                   | UGR ≤ 25                             |
| Toepassing                                      | Intern   | Lumen-<br>vermogen (lm)                | 12900                                |
| Unique digital code (Datamatrix)                | Datamatrix   | Efficacy<br>(lm/W)                     | 115                                  |
| Kleur   | Grey RAL 9006  | Kleur<br>temperatuur                   | 4000 K                               |
| Type lichtbron                                  | LED  | Colour Rendering Index                 | CRI>80                               |
| System<br>vermogen                              | 112 W  | Standard Deviation Colour Matching     | SDCM = 3                             |
| LED Lifetime                                    | L90B10 (Tq 25°) 100000 h; L90B10<br>(Tq 50°) 55000 h | Photobiological Risk Class             | RG0                                  |
| Gewicht<br>(kg)                                 | 7.5  | Standaard                              | EN60598-1; IEC 62778; IEC62471       |
| Garantie  | 5 jaar   | <b>ELETRICAL AND LIGHTING FEATURES</b> |                                      |
| Opslagtemperatuur                               | -25°C + +70°C / HR 10% + 85%                         | Voedings-<br>spanning                  | 220-240 V                            |
| Operating temperature                           | -25°C + +50°C  | Nominale<br>frequentie (Hz)            | 50/60 Hz                             |
| <b>MATERIALS</b>                                |  | Driver                                 | Included                             |
| Body  | Gietaluminium  | Driver failure rate                    | F10 = 100.000h Tq25°C/50.000h Tq50°C |
| Type plaat                                      | High transparency PMMA                               | Overvoltage protection                 | DM 6KV / CM 8KV                      |
| Optic   | PMMA lens  | Control System                         | DALI                                 |
| Gasket  | Silicon  | <b>INSTALLATION AND MAINTENANCE</b>    |                                      |
| Locking Hook                                    | -  | Mounting and installation              | Suspended                            |
| External screw                                  | Stainless steel                                      | Tilt                                   | Not possible                         |
| Colour  | Polyester powder coated                              | Wiring                                 | With watertight connector            |
| <b>STANDARDS AND APPROVALS</b>                  |  | Bevestiging                            | -                                    |
| Classificering                                  | -  | Light source replaceability            | Non-replaceable                      |
| Toestel met verlaagde<br>oppervlaktetemperatuur | -  | Controlgear replaceability             | By professional                      |
| DIN 18032-3-certificering                       | Nee  | Driver Box                             | Ingebouwd                            |
| IPEA  | -  | Maximum surface exposed to the wind    | 0.12 m <sup>2</sup>                  |
| Isolatie-<br>klasse                             | I  |  |                                      |
| IP-<br>graad                                    | IP65   |  |                                      |
| Stoot-<br>bestendigheid                         | IK07   |  |                                      |
| Glow Wire Test                                  | 650 °C   |  |                                      |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



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Industriële toestellen

### TECHNICAL SYMBOLOGY



0.12 m<sup>2</sup>



**IP**  
IP65

**IK**  
IK07

**GWT**  
650 °C

### STANDARDS/APPROVALS

**UK  
CA**



**CE**