

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, Goretex breathing and anti-condensation device, 2 waterproof connectors 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

| | |
|--|---|
| Context | Logistics and industrial manufacturing lighting |
| Luminaire | LED Industrial Reflector |
| Zastosowanie | Wewnętrzny |
| Unique digital code (Datamatrix) | Datamatrix |
| Kolor | Szary RAL 9006 |
| Rodzaj źródła światła | Dioda LED - Niewymienna |
| Moc | 420 W |
| LED Lifetime | L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h |
| Masa (kg) | 22.5 |
| Gwarancja | 5 lat |
| Temperatura przechowywania | -25°C + +70°C / HR 10% + 85% |
| Operating temperature | -25°C + +50°C |
| MATERIALS | |
| Body | Aluminium odlewane ciśnieniowo |
| Typ osłony | High transparency PMMA |
| Optic | PMMA lens |
| Gasket | Silicon |
| Locking Hook | - |
| External screw | Stainless steel |
| Colour | Polyester powder coated |
| STANDARDS AND APPROVALS | |
| Klasyfikacja | - |
| Urządzenie z ograniczoną temperaturą powierzchni | - |
| Świadectwo wg DIN 18032-3 | Nie |
| IPEA | - |
| Klasa Izolacji | I |
| Ochrona IP | IP65 |
| Odporność na wstrząsy | IK07 |
| Próba rozżarzoną drutem | 650 °C |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--------------------------------|
| Optyka | Wide 90° |
| Unified Glare Rating | UGR ≤ 22 |
| Moc z oprawy (lm) | 51300 |
| Efficiency (lm/W) | 122 |
| Temperatura Barwowa | 4000 K |
| Color Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Norma | EN60598-1; IEC 62778; IEC62471 |

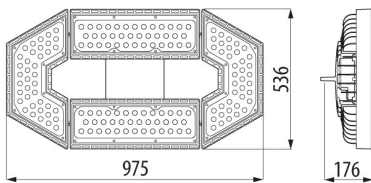
ELETRICAL AND LIGHTING FEATURES

| | |
|-------------------------|--------------------------------------|
| Zasilanie wyjściowe | 220-240 V |
| Prąd częstotliwość (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq40°C |
| Overvoltage protection | DM 6KV / CM 8KV |
| Control System | DALI |

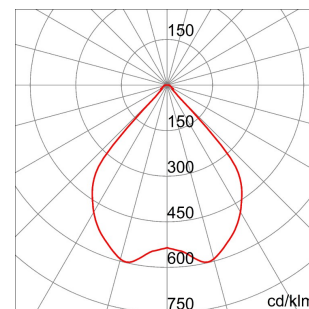
INSTALLATION AND MAINTENANCE

| | |
|--|---------------------------|
| Mouting and installation | Suspended |
| Tilt | Not possible |
| Wiring | With watertight connector |
| Mocowanie | - |
| Optic Maintenance | Not available |
| LED Maintenance | Not available |
| Driver Box | Wbudowana |
| Maksymalna powierzchnia wystawiona na działanie wiatru | 0,42 m ² |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 14/05/2021. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2

