

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

| | |
|--|---|
| 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 | 148 W |
| LED Lifetime | L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h |
| Masa (kg) | 7.5 |
| Gwarancja | 5 lat |
| Temperatura przechowywania | -25°C + +70°C / HR 10% + 85% |
| Operating temperature | -25°C + +40 °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 ≤ 25 |
| Moc z oprawy (lm) | 18200 |
| Efficiency (lm/W) | 123 |
| Temperatura Barwowa | 5700 K |
| Color Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Norma | EN60598-1; IEC 62778; IEC62471 |

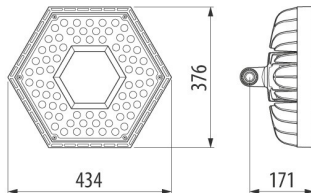
ELETRICAL AND LIGHTING FEATURES

| | |
|-------------------------|--------------------------------------|
| Zasilanie wyjściowe | 220-240 V |
| Prąd częstotliwość (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq50°C |
| Overvoltage protection | DM 6KV / CM 8KV |
| Control System | DALI |

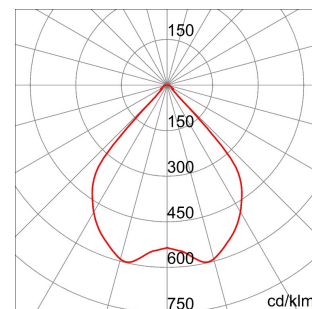
INSTALLATION AND MAINTENANCE

| | |
|--|---------------------------|
| 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 | 0.12 m ² |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS





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