

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 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

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|----------------------------------|---|
| Context | Logistics and industrial manufacturing lighting |
| Luminaire | LED Industrial Reflector |
| Zastosowanie | Wewnętrzny/Zewnętrzny |
| 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 |

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|-----------|-------|
| Masa (kg) | 7.5 |
| Gwarancja | 5 lat |

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| Temperatura przechowywania | -25°C ÷ +70°C / HR 10% ÷ 85% |
| Operating temperature | -25°C ÷ +40 °C |

MATERIALS

| | |
|----------------|--------------------------------|
| Body | Aluminium odlewane ciśnieniowo |
| Typ osłony | Flat tempered glass 4mm |
| Optic | PMMA lens |
| Gasket | CNC deposited sealant |
| Locking Hook | - |
| External screw | Stainless steel |
| Colour | Polyester powder coated |

STANDARDS AND APPROVALS

| | |
|--|------|
| Klasyfikacja | - |
| Urządzenie z ograniczoną temperaturą powierzchni | - |
| Świadectwo wg DIN 18032-3 | Tak |
| IPEA | - |
| Klasa Izolacji | I |
| Ochrona IP | IP66 |
| Odporność na wstrząsy | IK08 |
| Próba rozżarzoną drutem | - |

OPTIC AND ILLUMINATING FEATURES

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|--------|------------|
| Optyka | Narrow 30° |
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| Unified Glare Rating | UGR ≤ 25 |
| Moc z oprawy (lm) | 14400 |
| Efficiency (lm/W) | 97 |

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| Temperatura Barwowa | 3000 K |
| Color Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |

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| Norma | EN60598-1; IEC 62778; IEC62471 |
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ELETRICAL AND LIGHTING FEATURES

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| Zasilanie wyjściowe | 220-240 V |
| Prąd częstotliwość (Hz) | 50/60 Hz |
| Driver | Included |

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| Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq50°C |
|---------------------|--------------------------------------|

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| Overvoltage protection | DM 6KV / CM 8KV |
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|----------------|------|
| Control System | DALI |
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INSTALLATION AND MAINTENANCE

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| Mouting and installation | Suspended |
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| Tilt | Not possible |
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| Wiring | With watertight connector |
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| Mocowanie | - |
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| Optic Maintenance | Not available |
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| | |
|-----------------|---------------|
| LED Maintenance | Not available |
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| Driver Box | Wbudowana |
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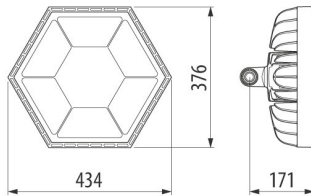
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|--|---------------------|
| Maksymalna powierzchnia wystawiona na działanie wiatru | 0.12 m ² |
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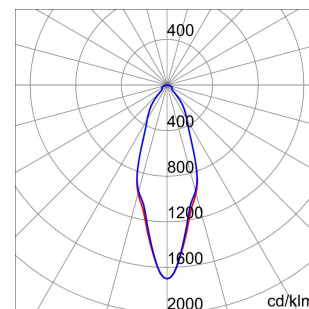
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DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

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STANDARDS/APPROVALS





ESALITE HB

