

### 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 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

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
<b>MATERIALS</b>	
Body	Aluminium odlewane ciśnieniowo
Typ osłony	High transparency PMMA
Optic	PMMA lens
Gasket	Silicon
Locking Hook	-
External screw	Stainless steel
Colour	Polyester powder coated
<b>STANDARDS AND APPROVALS</b>	
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)	16900
Efficiency (lm/W)	114
Temperatura Barwowa	3000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Norma	EN60598-1; IEC 62778; IEC62471

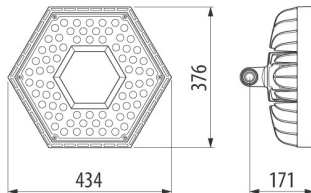
#### ELETRICAL AND LIGHTING FEATURES

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

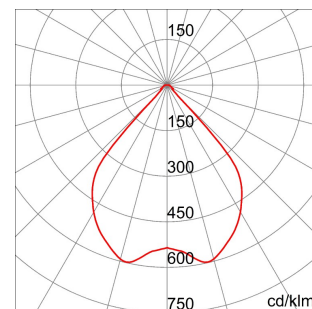
#### INSTALLATION AND MAINTENANCE

Control System	DALI
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 <sup>2</sup>

#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY



IP  
IP65

IK  
IK07

GWT  
650 °C

#### STANDARDS/APPROVALS





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