

### 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 mm<sup>2</sup> 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

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

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	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

Optyka	Wide 90°
Unified Glare Rating	UGR ≤ 25
Moc z oprawy (lm)	16800
Efficiency (lm/W)	114
Temperatura Barwowa	5700 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0

#### ELETRICAL AND LIGHTING FEATURES

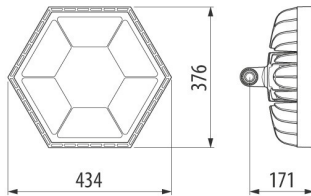
Zasilanie wyjściowe	220-240 V
Prąd częstotliwość (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C

Overvoltage protection	DM 6KV / CM 8KV
Control System	DALI

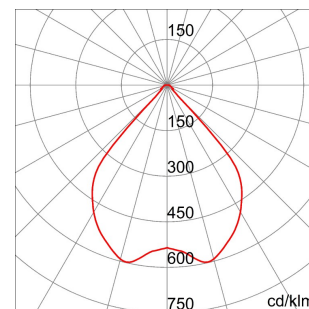
#### INSTALLATION AND MAINTENANCE

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 <sup>2</sup>

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

-

### STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 10/05/2021. 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](http://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



Product Data Sheet  
GWS6344GD57K

ESALITE HB

DIN 19052-3