

### ESALITE HB Industriële toestellen



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
Toepassing	Intern
Unique digital code (Datamatrix)	Datamatrix
Kleur	Grey RAL 9006
Type lichtbron	LED
System vermogen	148 W
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h

#### OPTIC AND ILLUMINATING FEATURES

Optiek	Gemiddeld 60°
Unified Glare Rating	UGR ≤ 28
Lumen-vermogen (lm)	17200
Efficacy (lm/W)	116
Kleur temperatuur	4000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0

Gewicht (kg)	7.5
Garantie	5 jaar
Opslagtemperatuur	-25°C + +70°C / HR 10% + 85%
Operating temperature	-25°C + +40 °C

Standaard	EN60598-1; IEC 62778; IEC62471
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#### MATERIALS

Body	Gietaluminium
Type plaat	High transparency PMMA
Optic	PMMA lens
Gasket	Silicon
Locking Hook	-
External screw	Stainless steel
Colour	Polyester powder coated

#### ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (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

#### STANDARDS AND APPROVALS

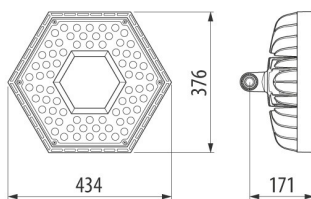
Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Nee
IPEA	-
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK07
Glow Wire Test	650 °C

#### INSTALLATION AND MAINTENANCE

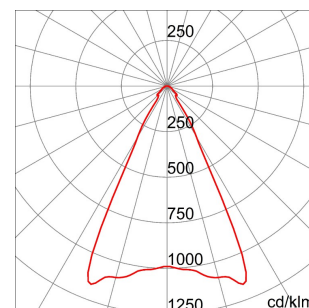
Mounting and installation	Suspended
Tilt	Not possible
Wiring	With watertight connector
Bevestiging	-
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional

Driver Box	Ingebouwd
Maximum surface exposed to the wind	0.12 m <sup>2</sup>

#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



ESALITE HB  
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### TECHNICAL SYMBOLOGY



**IP**  
IP65

**IK**  
IK07

**GWT**  
650 °C

### STANDARDS/APPROVALS

**UK  
CA**

