

ESALITE HB Industriële toestellen



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

Context	Logistics and industrial manufacturing lighting
Luminaire	LED Industrial Reflector
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Datamatrix
Kleur	Grey RAL 9006
Type lichtbron	LED
System vermogen	125 W
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h

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

Operating temperature	-25°C ÷ +50°C
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MATERIALS

Body	Gietaluminium
Type plaat	Flat tempered glass 4mm
Optic	PMMA lens
Gasket	CNC deposited sealant
Locking Hook	-
External screw	Stainless steel
Colour	Polyester powder coated

STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Ja
IPEA	-
Isolatie-klasse	I
IP-graad	IP66
Stoot-bestendigheid	IK08
Glow Wire Test	-

OPTIC AND ILLUMINATING FEATURES

Optiek	Narrow 30°
Unified Glare Rating	UGR ≤ 25
Lumen-vermogen (lm)	13300
Efficacy (lm/W)	106
Kleur temperatuur	4000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0

Standaard	EN60598-1; IEC 62778; IEC62471
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ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Included

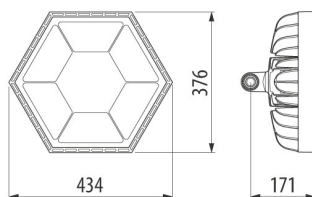
Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Overvoltage protection	DM 6KV / CM 8KV
Control System	DALI

INSTALLATION AND MAINTENANCE

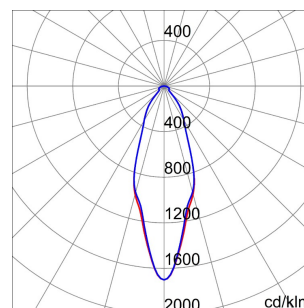
Mounting and installation	Suspended
Tilt	Not possible
Wiring	With watertight connector
Bevestiging	-
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional

Driver Box	Ingebouwd
Maximum surface exposed to the wind	0.12 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



ESALITE HB
Industriële toestellen

TECHNICAL SYMBOLOGY



0.12 m²



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

**UK
CA**



CE