

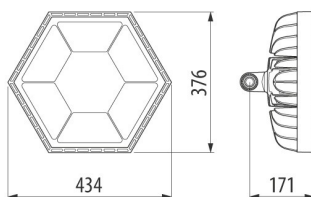
ESALITE HB Industriële toestellen



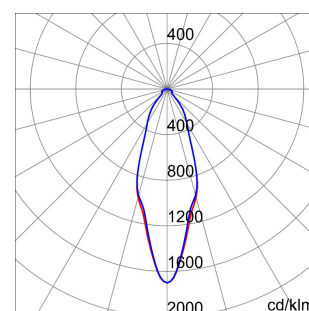
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation 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		OPTIC AND ILLUMINATING FEATURES	
Context	Logistics and industrial manufacturing lighting	Optiek	Narrow 30°
Luminaire Toepassing	LED Industrial Reflector Binnenshuis / buitenshuis	Unified Glare Rating	UGR ≤ 25
Unique digital code (Datamatrix)	Datamatrix	Lumen-vermogen (lm)	11600
Kleur	Grey RAL 9006	Efficacy (lm/W)	104
Type lichtbron	LED	Kleur temperatuur	5700 K
System vermogen	112 W	Colour Rendering Index	CRI>80
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h	Standard Deviation Colour Matching	SDCM = 3
Gewicht (kg)	7.5	Photobiological Risk Class	RG0
Garantie	5 jaar	Standaard	EN60598-1; IEC 62778; IEC62471
Opslagtemperatuur	-25°C + +70°C / HR 10% + 85%	ELETRICAL AND LIGHTING FEATURES	
Operating temperature	-25°C + +50°C	Voedings-spanning	220-240 V
MATERIALS		Nominale frequentie (Hz)	50/60 Hz
Body	Gietaluminium	Driver	Included
Type plaat	Flat tempered glass 4mm	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Optic	PMMA lens	Overvoltage protection	DM 6KV / CM 8KV
Gasket	CNC deposited sealant	Control System	DALI
Locking Hook	-	INSTALLATION AND MAINTENANCE	
External screw	Stainless steel	Mounting and installation	Suspended
Colour	Polyester powder coated	Tilt	Not possible
STANDARDS AND APPROVALS		Wiring	With watertight connector
Classificering	-	Bevestiging	-
Toestel met verlaagde oppervlaktetemperatuur	-	Light source replaceability	Non-replaceable
DIN 18032-3-certificering	Ja	Controlgear replaceability	By professional
IPEA	-	Driver Box	Ingebouwd
Isolatie-klasse	I	Maximum surface exposed to the wind	0.12 m ²
IP-graad	IP66	-	-
Stootbestendigheid	IK08	-	-
Glow Wire Test	-	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



ESALITE HB
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TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

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