

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 mm² 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	52 W
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h

OPTIC AND ILLUMINATING FEATURES

Optiek	Elliptisch
Unified Glare Rating	UGR ≤ 28
Lumen-vermogen (lm)	5900
Efficacy (lm/W)	113
Kleur temperatuur	3000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0

Gewicht (kg)	2.8
Garantie	5 jaar
Opslagtemperatuur	-25°C + +70°C / HR 10% + 85%
Operating temperature	-25°C + +50°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

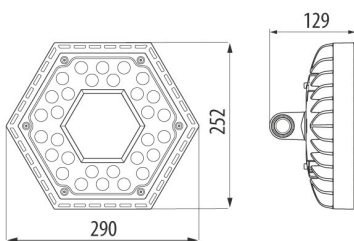
Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Nee
IPEA	-
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK07
Glow Wire Test	650 °C

INSTALLATION AND MAINTENANCE

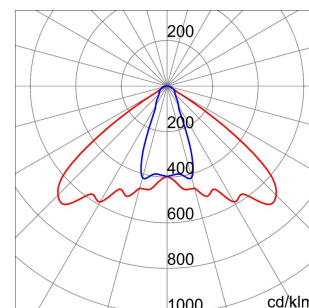
Mounting and installation	Suspended
Tilt	Not possible
Wiring	With watertight connector
Bevestiging	-
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional

Driver Box	Ingebouwd
Maximum surface exposed to the wind	0,06 m ²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



ESALITE HB
Industriële toestellen

TECHNICAL SYMBOLOGY



0,06 m²



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS

**UK
CA**

