

Product Data Sheet

GWS6315GD57K

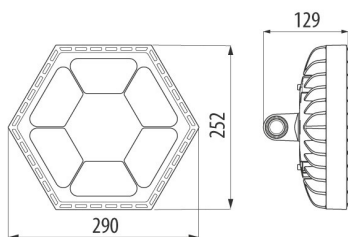
ESALITE HB
Industriële toestellen



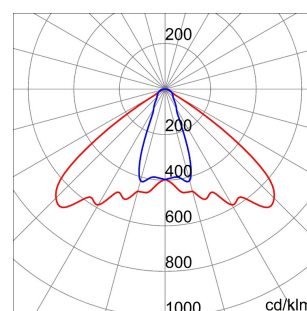
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation 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	Elliptisch
Luminaire Toepassing	LED Industrial Reflector Binnenshuis / buitenshuis	Unified Glare Rating	UGR ? 28
Unique digital code (Datamatrix)	Datamatrix	Lumen-vermogen (lm)	5800
Kleur	Grey RAL 9006	Efficacy (lm/W)	112
Type lichtbron	LED	Kleur temperatuur	5700 K
System vermogen	52 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)	3.3	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	0,06 m ²
IP-graad	IP66	-	-
Stootbestendigheid	IK08	-	-
Glow Wire Test	-	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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Industriële toestellen

TECHNICAL SYMBOLOGY



0,06 m²

IP66

IK08

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STANDARDS/APPROVALS