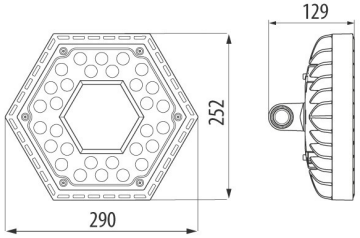
Product Data Sheet
GWS6015GD

ESALITE HB
Industriële toestellen

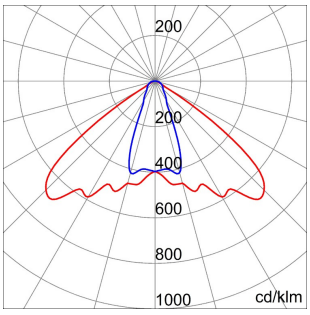
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminum with polyester powder coating. Correct lighting is provided by an optical system composed of different versions of lenses. Silicone gaskets, breathing and anti-condensation device in Goretex, waterproof connector for 1.5 mm² cables 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	-	**OPTIC AND ILLUMINATING FEATURES**	-
Context	Logistics and industrial manufacturing lighting	Optiek	Elliptisch
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 28
Toepassing	Intern	Lumen-vermogen (lm)	6400
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	123
Kleur	Grey RAL 9006	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	52 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h	Photobiological Risk Class	RG0
Gewicht (kg)	2.8	Standaard	EN60598-1; IEC 62778; IEC62471
Garantie	5 jaar	**ELETRICAL AND LIGHTING FEATURES**	-
Opslagtemperatuur	-25°C ÷ +70°C / HR 10% ÷ 85%	Voedings-spanning	220-240 V
Operating temperature	-25°C ÷ +50°C	Nominale frequentie (Hz)	50/60 Hz
MATERIALS	-	Driver	Included
Body	Gietaluminium -	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Type plaat	High transparency PMMA	Overvoltage protection	DM 6KV / CM 8KV
Optic	PMMA lens	Control System	DALI
Gasket	Silicon	**INSTALLATION AND MAINTENANCE**	-
Locking Hook	-	Mounting and installation	Suspended
External screw	Stainless steel	Tilt	Not possible
Colour	Polyester powder coated	Wiring	With watertight connector
STANDARDS AND APPROVALS	-	Bevestiging	-
Classificering	-	Light souce replaceability	Non-replaceable
Toestel met verlaagde oppervlaktetemperatuur	-	Controlgear replaceability	By professional
DIN 18032-3-certificering	Nee	Driver Box	Ingebouwd
IPEA	-	Maximum surface exposed to the wind	0,06 m²
Isolatie-klasse	I		-
IP-graad	IP65		-
Stoot-bestendigheid	IK07		-
Glow Wire Test	650 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 17/04/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 2

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TECHNICAL SYMBOLOGY

0,06 m²

IP	IK	GWT
IP65	IK07	650 °C

STANDARDS/APPROVALS