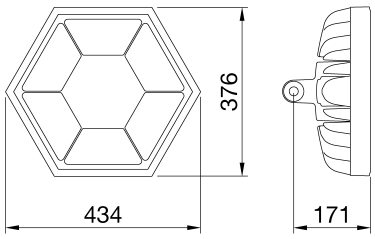
Product Data Sheet
GWS6342GD30K
ESALITE HB

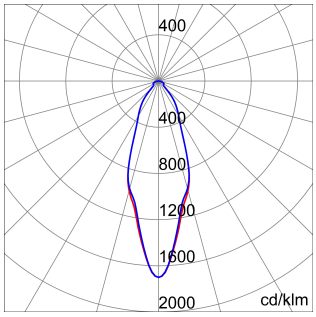
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation 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	Optic	Narrow 30°
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
Application	Indoor / Outdoor	Lumen output (lm)	14400
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	97
Colour	Grey RAL 9006	Colour temperature	3000 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	148 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h	Photobiological Risk Class	RG0
Weight (kg)	7.5	Standard	EN60598-1; IEC 62778; IEC62471
Warranty	5 years	**ELETRICAL AND LIGHTING FEATURES**	-
Stocking temperature	-25°C ÷ +70°C / HR 10% ÷ 85%	Supply voltage	220-240 V
Operating temperature	-25°C ÷ +40 °C	Rated frequency (Hz)	50/60 Hz
MATERIALS	-	Driver	Included
Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6KV / CM 8KV
Optic	PMMA lens	Control System	DALI
Gasket	CNC deposited sealant	**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	-	Fixing	-
Classification	-	Light souce replaceability	Non-replaceable
Device with reduced surface temperature	-	Controlgear replaceability	By professional
DIN 18032-3 certification	Available (under certain installation conditions)	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0.12 m²
Insulation class	I		-
IP degree	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	-		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

0.12 m²

IP	IK	GWT
IP66	IK08	-

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STANDARDS/APPROVALS

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