

Product Data Sheet

GWS6045GD30K

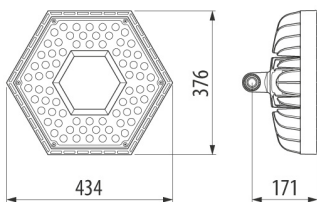
ESALITE HB



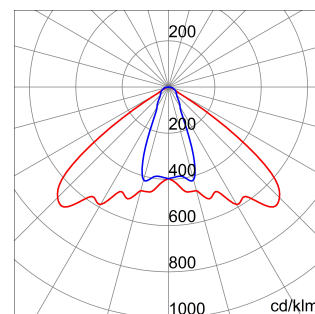
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminum with polyester powder coating. Correct lighting is provided by an optical system composed of different versions of lenses. Silicone gaskets, breathing and anti-condensation device in Goretex, waterproof connector for 1.5 mm² cables 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	Optic	Elliptical
Luminaire Application	LED Industrial Reflector Internal	Unified Glare Rating	UGR ≤ 28
Unique digital code (Datamatrix)	Datamatrix	Lumen output (lm)	16000
Colour	Grey RAL 9006	Efficacy (lm/W)	108
Type of light source	LED	Colour temperature	3000 K
System power	148 W	Colour Rendering Index	CRI>80
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h	Standard Deviation Colour Matching	SDCM = 3
Weight (kg)	7.5	Photobiological Risk Class	RG0
Warranty	5 years	Standard	EN60598-1; IEC 62778; IEC62471
Stocking temperature	-25°C + +70°C / HR 10% + 85%	ELETRICAL AND LIGHTING FEATURES	
Operating temperature	-25°C + +40 °C	Supply voltage	220-240 V
MATERIALS		Rated frequency (Hz)	50/60 Hz
Body	Die-cast aluminium	Driver	Included
Shield type	High transparency PMMA	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Optic	PMMA lens	Overvoltage protection	DM 6KV / CM 8KV
Gasket	Silicon	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
Classification	-	Fixing	-
Device with reduced surface temperature	-	Light source replaceability	Non-replaceable
DIN 18032-3 certification	No	Controlgear replaceability	By professional
IPEA	-	Driver Box	Built-in
Insulation class	I	Maximum surface exposed to the wind	0.12 m ²
IP degree	IP65		-
Mechanical resistance	IK07		-
Glow Wire Test	650 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS



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