Product Data Sheet

GWS6032GD

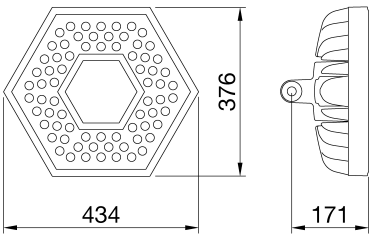
ESALITE HB

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.

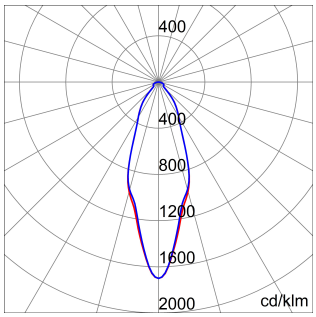
GENERAL INFORMATION	-
Context	Logistics and industrial manufacturing lighting
Luminaire	LED Industrial Reflector
Application	Internal
Unique digital code (Datamatrix)	Datamatrix
Colour	Grey RAL 9006
Type of light source	LED
System power	125 W
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h
Weight (kg)	7.5
Warranty	5 years
Stocking temperature	-25°C ÷ +70°C / HR 10% ÷ 85%
Operating temperature	-25°C ÷ +50°C
MATERIALS	-
Body	Die-cast aluminium -
Shield type	High transparency PMMA
Optic	PMMA lens
Gasket	Silicon
Locking Hook	-
External screw	Stainless steel
Colour	Polyester powder coated
STANDARDS AND APPROVALS	-
Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	Not available
IPEA	-
Insulation class	I
IP degree	IP65
Mechanical resistance	IK07
Glow Wire Test	650 °C

OPTIC AND ILLUMINATING FEATURES	-
Optic	Narrow 30°
Unified Glare Rating	UGR ≤ 25
Lumen output (lm)	14400
Efficacy (lm/W)	115
Colour temperature	4000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standard	EN60598-1; IEC 62778; IEC62471
ELETRICAL AND LIGHTING FEATURES	-
Supply voltage	220-240 V
Rated frequency (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
INSTALLATION AND MAINTENANCE	-
Mounting and installation	Suspended
Tilt	Not possible
Wiring	With watertight connector
Fixing	-
Light souce replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	Built-in
Maximum surface exposed to the wind	0.12 m²
	-
	-
	-
	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

0.12 m²

IP	IK	GWT
IP65	IK07	650 °C

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STANDARDS/APPROVALS

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