

# Product Data Sheet

## GWS6082GD57K

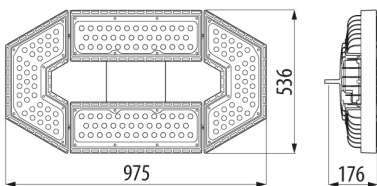
ESALITE HB



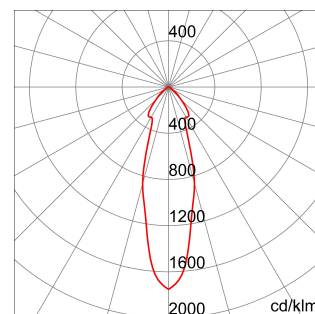
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminum with polyester powder coating. Correct lighting is provided by an optical system composed of different versions of lenses. Silicone gaskets, Goretex breathing and anti-condensation device, 2 waterproof connectors for 1.5 mm<sup>2</sup> 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	Narrow 30°
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
Application	Internal	Lumen output (lm)	47200
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	112
Colour	Grey RAL 9006	Colour temperature	5700 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	420 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)	22.5	Standard	EN60598-1; IEC 62778; IEC62471
Warranty	5 years	<b>ELETRICAL AND LIGHTING FEATURES</b>	
Stocking temperature	-25°C + +70°C / HR 10% + 85%	Supply voltage	220-240 V
Operating temperature	-25°C + +50°C	Rated frequency (Hz)	50/60 Hz
<b>MATERIALS</b>		Driver	Included
Body	Die-cast aluminium	Driver failure rate	F 10 = 100.000h Tq25°C/50.000h Tq40°C
Shield type	High transparency PMMA	Overvoltage protection	DM 6KV / CM 8KV
Optic	PMMA lens	Control System	DALI
Gasket	Silicon	<b>INSTALLATION AND MAINTENANCE</b>	
Locking Hook	-	Mounting and installation	Suspended
External screw	Stainless steel	Tilt	Not possible
Colour	Polyester powder coated	Wiring	With watertight connector
<b>STANDARDS AND APPROVALS</b>		Fixing	-
Classification	-	Light source replaceability	Non-replaceable
Device with reduced surface temperature	-	Controlgear replaceability	By professional
DIN 18032-3 certification	No	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0,42 m <sup>2</sup>
Insulation class	I		-
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

