

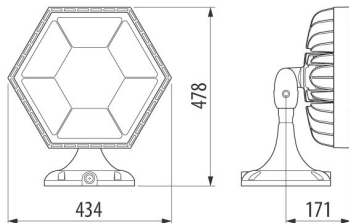
ESALITE PL



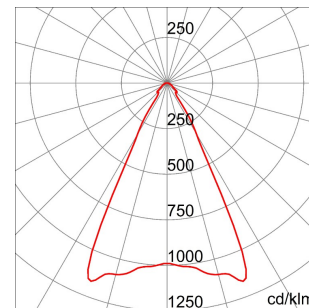
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation 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	Lighting for parks and green areas	Optic	Medium 60°
Luminaire	LED luminaire with mid and high lumen power	Unified Glare Rating	UGR ≤ 25
Application	Indoor / Outdoor	Lumen output (lm)	11900
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	106
Colour	Grey RAL 9006	Colour temperature	4000 K
Type of light source	LED - Not replaceable	Color Rendering Index	CRI>80
System power	112 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h	Photobiological Risk Class	-
Weight (kg)	8.5	Standard	EN60598-1; EN60598-2-5; 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 ÷ +50°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	-	Mouting and installation	Wall/ground
External screw	Stainless steel	Tilt	With graduated support
Colour	Polyester powder coated	Wiring	With watertight connector
STANDARDS AND APPROVALS		Fixing	-
Classification	-	Optic Maintenance	Not available
Device with reduced surface temperature	-	LED Maintenance	Not available
DIN 18032-3 certification	No	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0,14 m ²
Insulation class	I		-
IP degree	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	-		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

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STANDARDS/APPROVALS

