

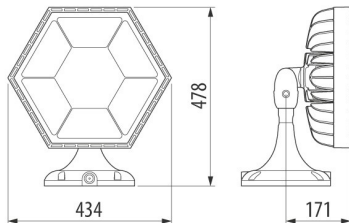
ESALITE PL



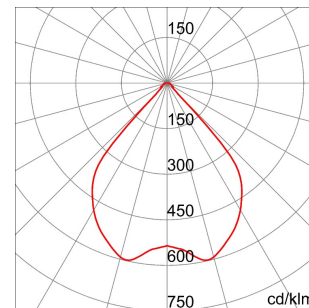
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation 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	Optică	Wide 90°
Luminaire	LED luminaire with mid and high lumen power	Unified Glare Rating	UGR ≤ 25
Aplicație	Intern / Extern	Lumină ieșire (lm)	16800
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	114
Culoare	Gri RAL 9006	Culoare Temperatură	5700 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI>80
Puterea sistemului	148 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h	Photobiological Risk Class	-
Greutate (Kg)	8.5	Standard	EN60598-1; EN60598-2-5; IEC 62778; IEC62471
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	
Temperatură de stocare	-25°C ÷ +70°C / HR 10% ÷ 85%	Tensiune de alimentare	220-240 V
Operating temperature	-25°C ÷ +40 °C	Frecvență nominală (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	Aluminiu turnat	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Ecran	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		Prindere	-
Clasificare	-	Optic Maintenance	Not available
Dispozitiv cu temperatură la suprafață redusă	-	LED Maintenance	Not available
Certificare DIN 18032-3	Nu	Driver Box	Integrat
IPEA	-	Suprafață maximă expusă la vânt	0,14 m ²
Clasă izolație	I	-	-
Clasă de protecție IP	IP66	-	-
Cod IK	IK08	-	-
Glow Test conductori	-	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 19/08/2021. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2



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