

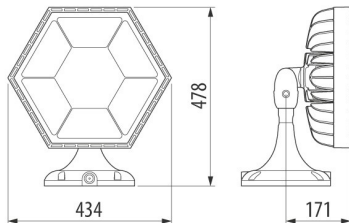
### ESALITE PL



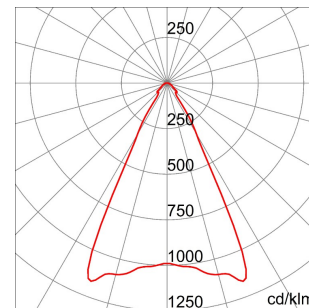
Industrial LED lighting fixture made of die-cast EN AB 46100 aluminium with polyester powder coating. Correct illumination is provided by an optical system composed of different versions of lenses and sealed by an extra-clear tempered glass of 4mm. Silicone gaskets, Goretex breathing and anti-condensation device, waterproof connector for 1.5 mm<sup>2</sup> 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	Mediu 60°
Luminaire	LED luminaire with mid and high lumen power	Unified Glare Rating	UGR ≤ 28
Aplicație	Intern / Extern	Lumină ieșire (lm)	15800
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	107
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 <sup>2</sup>
Clasă izolație	I		-
Clasă de protecție IP	IP66		-
Cod IK	IK08		-
Glow Test conductori	-		-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY

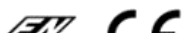


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### STANDARDS/APPROVALS



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](http://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/en/company/landingpage/led-warranty>. - 1 of 2



Product Data Sheet  
GWS6543GD57K

ESALITE PL

