

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

Context	Lighting for parks and green areas
Luminaire	LED luminaire with mid and high lumen power
Aplicație	Intern / Extern
Unique digital code (Datamatrix)	Datamatrix
Culoare	Gri RAL 9006
Tip sursă de lumină	LED - Neînlocuibil
Puterea sistemului	125 W
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h
Greutate (Kg)	8.5

OPTIC AND ILLUMINATING FEATURES

Optică	Mediu 60°
Unified Glare Rating	UGR ≤ 28
Lumină ieșire (lm)	13600
Efficiency (lm/W)	109
Culoare Temperatură	5700 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standard	EN60598-1; EN60598-2-5; IEC 62778; IEC62471

Garanție	5 ani
Temperatură de stocare	-25°C ÷ +70°C / HR 10% ÷ 85%
Operating temperature	-25°C ÷ +50°C

MATERIALS

Body	Aluminiu turnat
Ecran	Flat tempered glass 4mm
Optic	PMMA lens
Gasket	CNC deposited sealant
Locking Hook	-
External screw	Stainless steel
Colour	Polyester powder coated

ELETRICAL AND LIGHTING FEATURES

Tensiune de alimentare	220-240 V
Frecvență nominală (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

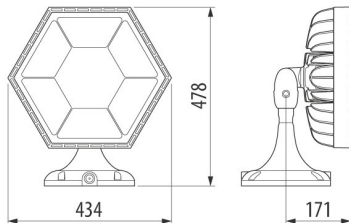
Mouting and installation	Wall/ground
Tilt	With graduated support
Wiring	With watertight connector

STANDARDS AND APPROVALS

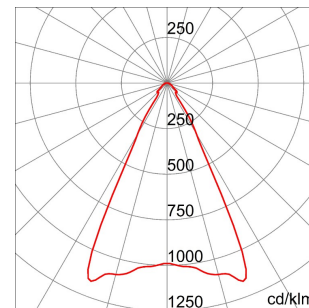
Clasificare	-
Dispozitiv cu temperatură la suprafață redusă	-
Certificare DIN 18032-3	Nu
IPEA	-
Clasă izolație	I
Clasă de protecție IP	IP66
Cod IK	IK08
Glow Test conductori	-

Prindere	-
Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Integrat
Suprafață maximă expusă la vânt	0,14 m ²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

-

STANDARDS/APPROVALS

