

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
panoları	İç / Dış
Unique digital code (Datamatrix)	Datamatrix
Renk	Gri RAL 9006
Işık kaynağı tipi	LED - değiştirilemez
Sistem gücü	52 W
LED Lifetime	L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h
Ağırlık (kg)	3.8

OPTIC AND ILLUMINATING FEATURES

Optik	Ortaboy 60°
Unified Glare Rating	UGR ≤ 28
Lümen çıkışı (lm)	5800
Efficiency (lm/W)	112
Renk Sıcaklık	4000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standart	EN60598-1; EN60598-2-5; IEC 62778; IEC62471

Garanti	5 yıl
Depolama sıcaklığı	-25°C ÷ +70°C / HR 10% ÷ 85%
Operating temperature	-25°C ÷ +50°C

MATERIALS

Body	Alüminyum pres döküm
Ekran tipi	Flat tempered glass 4mm
Optic	PMMA lens
Gasket	CNC deposited sealant
Locking Hook	-
External screw	Stainless steel
Colour	Polyester powder coated

STANDARDS AND APPROVALS

Sınıflandırma	-
Yüzey sıcaklığı azaltılmış cihaz	-
DIN 18032-3 belgesi	Hayır
IPEA	-
Yalıtım sınıfı	I
IP derecesi	IP66
Direnç dayanıklı	IK08
Akkor Tel Deneyi:	-

ELETRICAL AND LIGHTING FEATURES

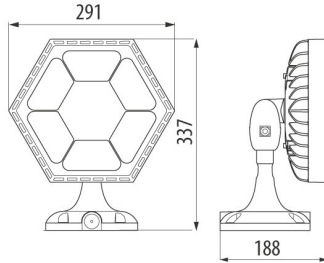
besleme voltaj	220-240 V
Nominal frekans (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Overvoltage protection	DM 6KV / CM 8KV
Control System	DALI

INSTALLATION AND MAINTENANCE

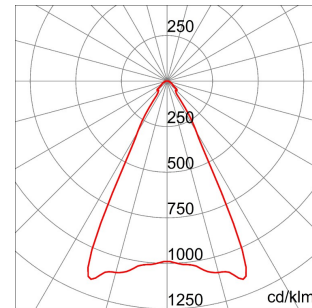
Mouting and installation	Wall/ground
Tilt	With graduated support
Wiring	With watertight connector

Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Yerleşik
Rüzgara maruz maksimum yüzey	0,07 m ²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

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STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 05/03/2021. 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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