

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 | Narrow 30° |
| Unified Glare Rating | UGR ≤ 25 |
| Lumină ieșire (lm) | 13300 |
| Efficiency (lm/W) | 106 |
| 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

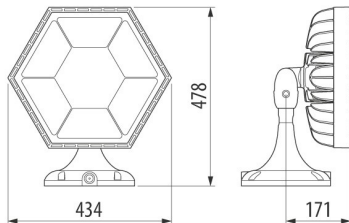
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|--------------------------|---------------------------|
| Mouting and installation | Wall/ground |
| Tilt | With graduated support |
| Wiring | With watertight connector |

STANDARDS AND APPROVALS

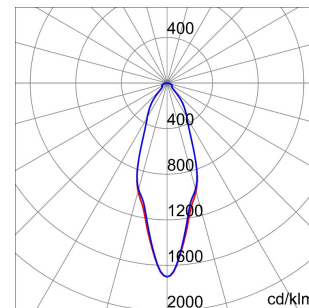
| | |
|---|------|
| Clasificare | - |
| Dispozitiv cu temperatură la suprafață redusă | - |
| Certificare DIN 18032-3 | Nu |
| IPEA | - |
| Clasă izolație | I |
| Clasă de protecție IP | IP66 |
| Cod IK | IK08 |
| Glow Test conductori | - |

| | |
|---------------------------------|---------------------|
| 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

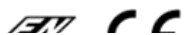
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IK08

GWT

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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. 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



Product Data Sheet
GWS6532GD57K

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