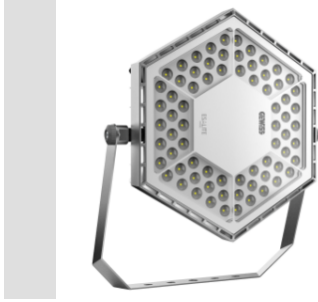


ESALITE FL



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 | Industry, Logistic, Façade, Sport |
| 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) | 9.5 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|---|
| Optică | Narrow 30° |
| Unified Glare Rating | UGR ≤ 25 |
| Lumină ieșire (lm) | 12300 |
| Efficiency (lm/W) | 98 |
| Culoare Temperatură | 3000 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 |

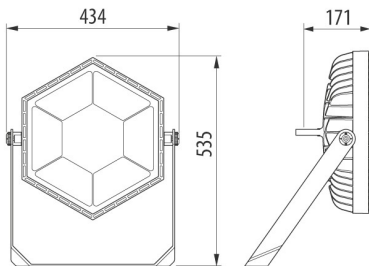
INSTALLATION AND MAINTENANCE

| | |
|--------------------------|-------------------------------|
| Mouting and installation | Consolă |
| Tilt | With graduated fixing bracket |
| Wiring | With watertight connector |

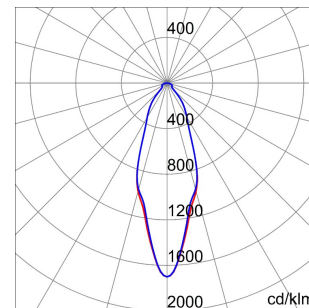
STANDARDS AND APPROVALS

| | | | |
|---|------|---------------------------------|---------------------|
| 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 | 0,13 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

