



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.

ALGEMENE INFORMATIE

| | |
|-----------------------------------|---|
| Context | Industrie, Logistiek, Gevel, Sport |
| Armatuur | LED-armatuur met gemiddeld en hoog lumenvermogen |
| Toepassing | Binnen / Buiten |
| Unieke digitale code (Datamatrix) | Datamatrix |
| Kleur | Grijze RAL 9006 |
| Soort lichtbron | LED |
| Systeem vermogen | 112 W |
| Levensduur led | L90B10 (Tq 25°) 100000 u; L90B10 (Tq 50°) 55000 u |
| Gewicht (kg) | 9.5 |

OPTISCHE EN VERLICHTINGSKENMERKEN

| | |
|-----------------------------|---|
| Optiek | Smal 30° |
| Unified Glare Rating | UGR ≤ 25 |
| Lumen output (lm) | 11600 |
| Effectiviteit (lm/W) | 104 |
| Kleur temperatuur | 5700 K |
| Kleurweergave-index (CRI) | CRI>80 |
| Kleurconsistentie (SDCM) | SDCM = 3 |
| Fotobiologisch risicoklasse | - |
| Standaard | EN60598-1; EN60598-2-5; IEC 62778; IEC62471 |

| | |
|---------------------|--------------------------------|
| Garantie | 5 jaar |
| Opslagtemperatuur | -25 °C + +70 °C / HR 10% + 85% |
| Bedrijfstemperatuur | -25 °C + +50 °C |

MATERIALEN

| | |
|-----------------|---------------------------|
| Behuizing | Gegoten aluminium - |
| Schildtype | Vlak gehard glas 4 mm |
| Optiek | PMMA-lens |
| Pakking | CNC afgezet afdichtmiddel |
| Slothaak | - |
| Externe schroef | Rvs |
| Kleur | Polyester poedercoating |

NORMEN EN GOEDKEURINGEN

| | |
|--|------------------|
| Classificatie | - |
| Apparaat met gereduceerde oppervlaktetemperatuur | - |
| DIN 18032-3 certificering | Niet beschikbaar |
| IPEA | - |
| Isolatie klasse | I |
| IP graad | IP66 |
| Mechanische weerstand | IK08 |
| Gloeidraadtest | - |

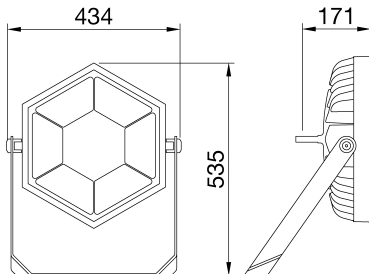
ELEKTRISCHE EN VERLICHTINGSKENMERKEN

| | |
|--------------------------|--|
| Voeding voltage | 220-240 V |
| Nominale frequentie (Hz) | 50/60 Hz |
| Driver | Inbegrepen |
| Uitvalpercentage driver | F10 = 100.000u Tq25 °C/50.000u Tq50 °C |
| Overspanningsbescherming | DM 6 KV / CM 8 KV |
| Besturingssysteem | DALI |

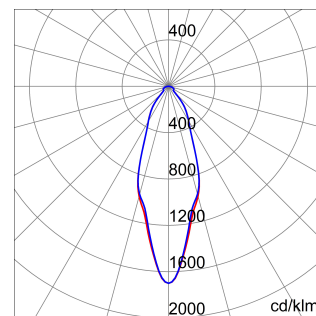
INSTALLATIE EN ONDERHOUD

| | |
|---|---------------------------------|
| Montage en installatie | Beugel |
| Helling | Met getrapte bevestigingsbeugel |
| Bedrading | Met waterdichte connector |
| Bevestiging | - |
| Vervangbaarheid lichtbron | Niet vervangbaar |
| Vervangbaarheid verdeelinrichting | Door professional |
| Driver box | Ingebouwd |
| Maximaal oppervlak blootgesteld aan de wind | 0,13 m ² |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



0,13 m²

IP66

IK08

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Product Data Sheet
GWS6422GD57K

ESALITE FL
Schijnwerpers

STANDARDS/APPROVALS

