



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 mm<sup>2</sup> 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 | 148 W   |
| Levensduur led   | L90B10 (Tq 25°) 100000 u; L90B10 (Tq 50°) 55000 u |

|              |     |
|--------------|-----|
| Gewicht (kg) | 9.5 |
|--------------|-----|

|                     |                                |
|---------------------|--------------------------------|
| Garantie            | 5 jaar                         |
| Opslagtemperatuur   | -25 °C + +70 °C / HR 10% + 85% |
| Bedrijfstemperatuur | -25 °C + +40 °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 waarde  | IP66             |
| Mechanische weerstand                            | IK08             |
| Gloeidraadtest                                   | -                |

### OPTISCHE EN VERLICHTINGSKENMERKEN

|                      |          |
|----------------------|----------|
| Optiek               | Smal 30° |
| Unified Glare Rating | UGR ≤ 25 |

|                      |       |
|----------------------|-------|
| Lumen output (lm)    | 15500 |
| Effectiviteit (lm/W) | 105   |

|                             |          |
|-----------------------------|----------|
| Kleur temperatuur           | 5700 K   |
| Kleurweergave-index (CRI)   | CRI>80   |
| Kleurconsistentie (SDCM)    | SDCM = 3 |
| Fotobiologisch risicoklasse | -        |

|           |   |
|-----------|---|
| Standaard | EN60598-1; EN60598-2-5; IEC 62778; IEC62471 |
|-----------|---|

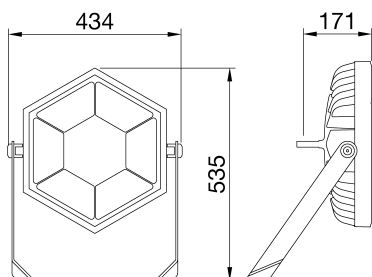
### ELEKTRISCHE EN VERLICHTINGSKENMERKEN

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

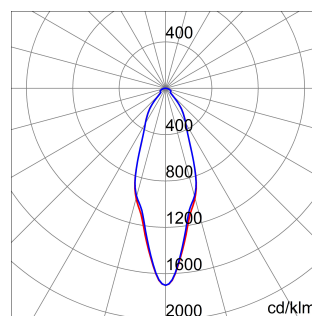
### INSTALLATIE EN ONDERHOUD

|   |                                 |
|---|---------------------------------|
| 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 <sup>2</sup>             |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLLOGY



IP  
IP66

IK  
IK08

GWT  
-



## Product Data Sheet

### GWS6442GD57K

ESALITE FL  
Schijnwerpers

#### STANDARDS/APPROVALS

