

On request



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.

### GENERAL INFORMATION

|                                  |   |
|----------------------------------|---|
| Context                          | Lighting for parks and green areas                |
| Luminaire                        | LED luminaire with mid and high lumen power       |
| Toepassing                       | Binnenshuis / buitenshuis                         |
| Unique digital code (Datamatrix) | Datamatrix  |
| Kleur                            | Grey RAL 9006                                     |
| Type lichtbron                   | LED   |
| System vermogen                  | 112 W   |
| LED Lifetime                     | L90B10 (Tq 25°) 100000 h; L90B10 (Tq 50°) 55000 h |
| Gewicht (kg)                     | 8.5   |
| Garantie                         | 5 jaar  |
| Opslagtemperatuur                | -25°C ÷ +70°C / HR 10% ÷ 85%                      |
| Operating temperature            | -25°C ÷ +50°C                                     |

### MATERIALS

|                |                         |
|----------------|-------------------------|
| Body           | Gietaluminium           |
| Type plaat     | Flat tempered glass 4mm |
| Optic          | PMMA lens               |
| Gasket         | CNC deposited sealant   |
| Locking Hook   | -                       |
| External screw | Stainless steel         |
| Colour         | Polyester powder coated |

### STANDARDS AND APPROVALS

|  |      |
|--|------|
| Classificering                               | -    |
| Toestel met verlaagde oppervlaktetemperatuur | -    |
| DIN 18032-3-certificering                    | Nee  |
| IPEA   | -    |
| Isolatie-klasse                              | I    |
| IP-graad                                     | IP66 |
| Stoot-bestendigheid                          | IK08 |
| Glow Wire Test                               | -    |

### OPTIC AND ILLUMINATING FEATURES

|                                    |   |
|------------------------------------|---|
| Optiek                             | Narrow 30°                                  |
| Unified Glare Rating               | UGR ≤ 25                                    |
| Lumen-vermogen (lm)                | 10800                                       |
| Efficacy (lm/W)                    | 96  |
| Kleur temperatuur                  | 3000 K                                      |
| Colour Rendering Index             | CRI>80                                      |
| Standard Deviation Colour Matching | SDCM = 3                                    |
| Photobiological Risk Class         | -   |
| Standaard                          | EN60598-1; EN60598-2-5; IEC 62778; IEC62471 |

### ELETRICAL AND LIGHTING FEATURES

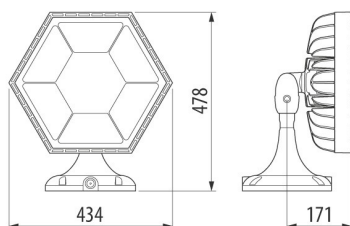
|                          |                                      |
|--------------------------|--------------------------------------|
| Voedings-spanning        | 220-240 V                            |
| Nominale frequentie (Hz) | 50/60 Hz                             |
| Driver                   | 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

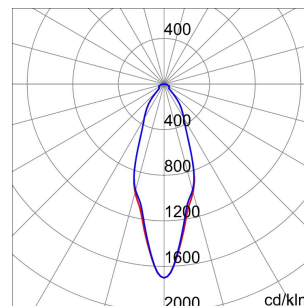
|                             |                           |
|-----------------------------|---------------------------|
| Mounting and installation   | Wall/ground               |
| Tilt                        | With graduated support    |
| Wiring                      | With watertight connector |
| Bevestiging                 | -                         |
| Light source replaceability | Non-replaceable           |
| Controlgear replaceability  | By professional           |

|                                     |                     |
|-------------------------------------|---------------------|
| Driver Box                          | Ingebouwd           |
| Maximum surface exposed to the wind | 0,14 m <sup>2</sup> |
| -                                   | -                   |
| -                                   | -                   |
| -                                   | -                   |

### DIMENSIONAL




### PHOTOMETRIC DISTRIBUTION




On request

TECHNICAL SYMBOLOGY



0,14 m<sup>2</sup>



**IP**  
IP66

**IK**  
IK08

**GWT**  
-

STANDARDS/APPROVALS

