

Last information update: March 2025

**Product configuration: E001**

E001: Joburg - Pole-mounted system for urban and residential parks and gardens



**Product code**

E001: Joburg - Pole-mounted system for urban and residential parks and gardens

**Technical description**

Outdoor luminaire with a symmetrical optic, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. Diffusor made of shockproof, UV-stabilised injection moulded polycarbonate. Complete with circuit fitted with Warm White monochrome LEDs. Optical assembly consisting of an anodized super-pure aluminium upper reflector, a methacrylate lens and a lower reflector made of metallised PC. Replaceable LEDs and driver. Dali selv driver with automatic internal temperature control system. Overvoltage protection up to 9KV. All external screws are made of stainless steel.

**Installation**

The luminaire can be installed with a pole-top mounting on poles with  $\varnothing$  60mm and 76mm end part using X102 and X126 accessories. Secured to the pole by two bolts.

**Colour**

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

**Weight (Kg)**

3

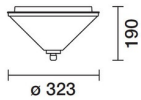
**Mounting**

pole-top

**Wiring**

The product is supplied wired and with an outlet cable (2x1mm) 500mm long.

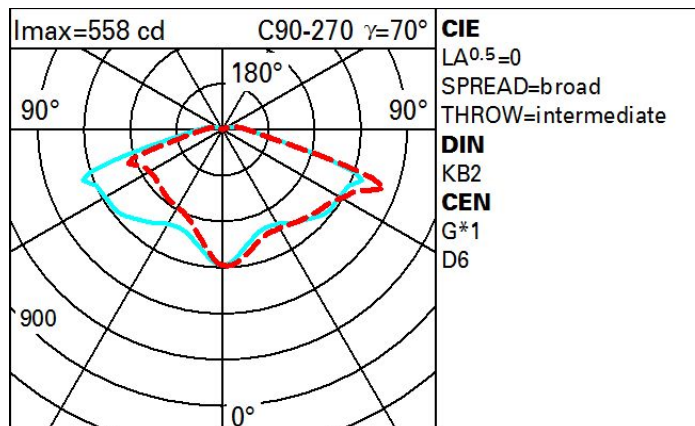
Complies with EN60598-1 and pertinent regulations



**Technical data**

|  |       |   |                                |
|--|-------|---|--------------------------------|
| lm system:   | 2260  | Life Time LED 1:                                      | 100,000h - L90 - B10 (Ta 25°C) |
| W system:  | 20.1  | Life Time LED 2:                                      | 100,000h - L90 - B10 (Ta 40°C) |
| lm source:   | -     | Voltage [Vin]:  | 230                            |
| W source:  | -     | Lamp code:  | LED                            |
| Luminous efficiency (lm/W, real value):            | 112.4 | Number of lamps for optical assembly:                 | 1                              |
| lm in emergency mode:                              | -     | ZVEI Code:  | LED                            |
| Total light flux at or above an angle of 90° [Lm]: | 110   | Number of optical assemblies:                         | 1                              |
| Light Output Ratio (L.O.R.) [%]:                   | 100   | Intervallo temperatura ambiente:                      | from -40°C to 50°C.            |
| CRI (minimum):                                     | 80    | Lifetime of product at ambient operating temperature: | ≥ 80.000h Ta=40°C              |
| Colour temperature [K]:                            | 3000  | Control:  | DALI-2                         |
| MacAdam Step:                                      | 2     |   |                                |

**Polar**



**Isolux**

