Design iGuzzini

iGuzzini

Last information update: March 2025

Product configuration: E012

E012: Joburg - Pole-mounted system for urban and residential parks and gardens



Product code

E012: 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 Neutral 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 8KV. All external screws are made of stainless steel.

Installation

The luminaire can be installed with a pole-top mounting on poles with ø 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.

C€

Complies with EN60598-1 and pertinent regulations



IK10



















Technical data 3730 Im system: W system: 30.5 Im source: W source: Luminous efficiency (lm/W, 122.3 real value): Im in emergency mode: Total light flux at or above 183 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) [%]: CRI (minimum): 80 Colour temperature [K]: 4000 MacAdam Step: Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) 100,000h - L90 - B10 (Ta 40°C) Life Time LED 2:

Voltage [Vin]:	230
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -40°C to 50°C.
Lifetime of product at ambient operating temperature:	≥ 80.000h Ta=40°C
Power factor:	See installation instructions
Inrush current:	21 A / 300 μs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Overvoltage protection:	10kV Common mode & 6kV Differential mode
Control:	DALI-2

Polar





