Design iGuzzini

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Last information update: March 2025

Product configuration: E039

E039: Joburg - Pole-mounted system for urban and residential parks and gardens



Product code

E039: Joburg - Pole-mounted system for urban and residential parks and gardens

Technical description

Outdoor luminaire with an elliptical 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. Middle of the Night 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 \emptyset 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)

8

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

Im system:	3560	Voltage [Vin]:	230
W system:	30.6	Lamp code:	LED
Im source:	-	Number of lamps for optical	1
W source:	-	assembly:	
Luminous efficiency (lm/W,	116.3	ZVEI Code:	LED
real value):		Number of optical	1
Im in emergency mode:	-	assemblies:	
Total light flux at or above an angle of 90° [Lm]:	162	Intervallo temperatura ambiente:	from -40°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	100	Lifetime of product at ambient operating	≥ 80.000h Ta=40°C
Beam angle [°]:	97° / 115°	temperature:	
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	3000	Inrush current:	18.7 A / 195 μs
MacAdam Step:	2	Maximum number of	
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	luminaires of this type per miniature circuit breaker:	B10A: 20 luminaires
Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)		B16A: 32 luminaires C10A: 33 luminaires C16A: 54 luminaires
		Minimum dimming 9/:	10
		Minimum dimming %:	
		Overvoltage protection:	10kV Common mode & 6kV Differential mode
		Control:	Middle of the night

Polar





