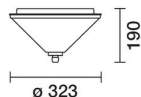


Last information update: May 2024

**Product configuration: BY77**

BY77: Joburg - Pole-mounted system for urban and residential parks and gardens

**Product code**BY77: Joburg - Pole-mounted system for urban and residential parks and gardens **Attention! Code no longer in production****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. Electronic selv driver with automatic internal temperature control system. 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**

Grey (15)

**Mounting**

pole-top

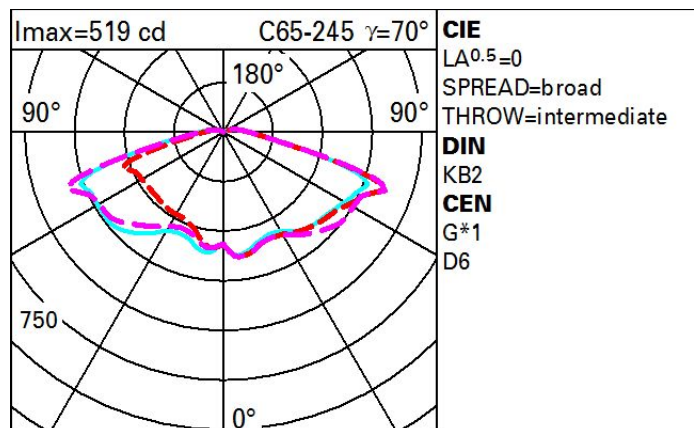
**Wiring**

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

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2230	Life Time LED 1:	59,000h - L90 - B10 (Ta 25°C)
W system:	20	Life Time LED 2:	100,000h - L80 - B10 (Ta 25°C)
lm source:	-	Life Time LED 3:	34,000h - L90 - B10 (Ta 40°C)
W source:	-	Life Time LED 4:	100,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (lm/W, real value):	111.5	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	103	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI:	80	Intervallo temperatura ambiente:	from -20°C to +35°C.
Colour temperature [K]:	3000	Control:	On/off
MacAdam Step:	2		

**Polar**

# Isolux

