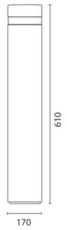
iWay round

Design Jean-Michel Wilmotte | **iGuzzini**

Last information update: September 2024

Product configuration: BW77
BW77: Bollard D=170mm H=610mm Warm White Led with DALI electronic ballast and symmetrical optic



Product code
BW77: Bollard D=170mm H=610mm Warm White Led with DALI electronic ballast and symmetrical optic

Technical description
Outdoor direct light luminaire which can be planted in the ground, designed to use warm white LED lamps, with symmetrical optic. The product consists of the lamp assembly and the body. The cylindrical body is made of extruded aluminium with chromate coating treatment and painting. It houses the three stainless steel rods fixed to the base, giving the product a high level of resistance to impacts. The product is anchored to the ground by the fixing base made of corrosion-resistant low copper content die-cast aluminium alloy. The diffuser screen is made of transparent polycarbonate, and is secured to the component-holding box by a die-cast aluminium internal fixing ring. The sheet aluminium lamp cover guard includes housings for accessories. The ring for coupling the cover is made of die-cast aluminium with chromate coating treatment and painting. The top of the luminaire is closed by a die-cast aluminium outer cover, with a bayonet catch and a fixing screw. The screw can be removed with an Allen key (or with a special key upon request). The super-pure aluminium reflector is fixed to the inner cover plate by captive screws. The component-holding box is made of die-cast aluminium. All accessible parts have a top temperature of 50° C. All external screws used are made of A2 stainless steel.

Installation
Can be installed directly using Fischer fixings (on the ground), or using a fixing base and fixing plate with clamps coated in Dacromet, for an additional guarantee against corrosion (to be ordered separately).

Colour	**Weight (Kg)**
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	7.02

Mounting
ground anchored

Wiring
Inside the luminaire is the removable component-holding plate, secured to the box with captive screws and the quick coupling for the electrical connections. DALI Electronic control gear. Complete with rubber output cable A07RN-F 4x1mm L=1700 mm.

Complies with EN60598-1 and pertinent regulations

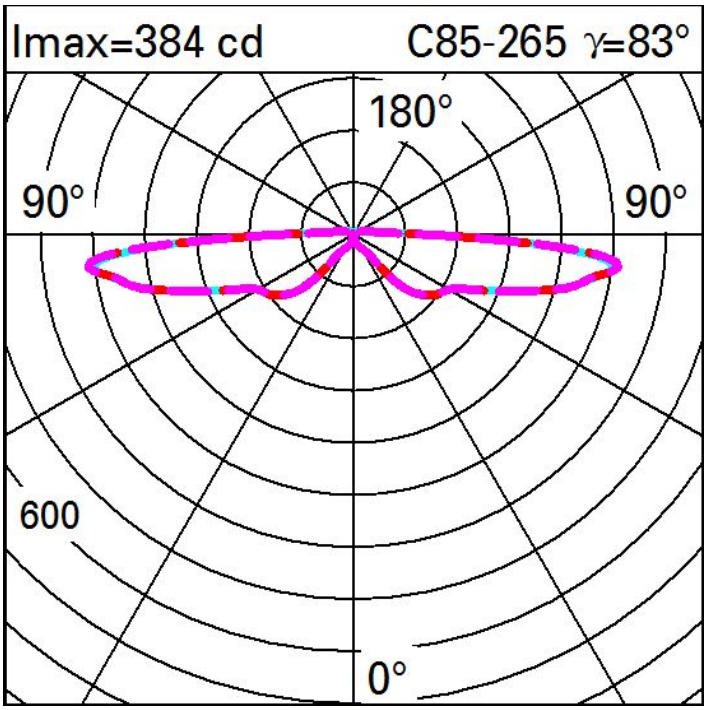
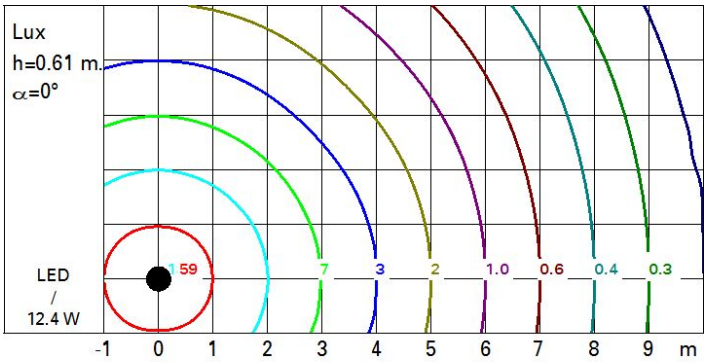
IK10 IP66 pending

Technical data

lm system:	1180
W system:	12.4
lm source:	2000
W source:	11
Luminous efficiency (lm/W, real value):	95.2
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	94
Light Output Ratio (L.O.R.) [%]:	59
CRI (minimum):	80
Colour temperature [K]:	3000
MacAdam Step:	3
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)

Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -30°C to 50°C.
Power factor:	See installation instructions
Inrush current:	9.2 A / 25 µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 27 luminaires B16A: 44 luminaires C10A: 45 luminaires C16A: 74 luminaires
Minimum dimming %:	5
Overvoltage protection:	6kV Common mode & 6kV Differential mode
Control:	DALI-2

Polar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