iWay square

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Product configuration: BW84

BW84: Bollard 170x170mm H=1000mm Neutral White Led with DALI electronic ballast and symmetrical optic



Product code

BW84: Bollard 170x170mm H=1000mm Neutral 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 neutral white LED lamps, with symmetrical optic. The product consists of the lamp assembly and the body. The parallelepiped 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 diecast 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 diecast 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)	12.14

Mounting

ground anchored

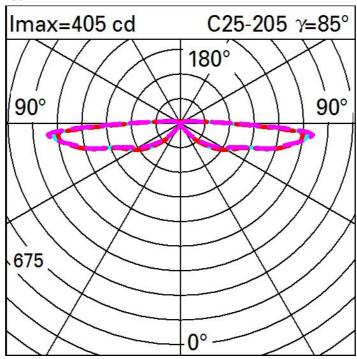
Wiring

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.



Technical data			
Im system:	1161	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W system:	12.4	Lamp code:	LED
Im source:	2150	Number of lamps for optical	1
W source:	11	assembly:	
Luminous efficiency (Im/W,	93.6	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]:	123	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.)	54	Power factor:	See installation instructions
[%]:		Inrush current:	9.2 A / 25 μs
CRI (minimum):	80	Maximum number of	
Colour temperature [K]:	4000	luminaires of this type per	B10A: 27 luminaires
MacAdam Step:	3	miniature circuit breaker:	B16A: 44 luminaires
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		C10A: 45 luminaires C16A: 74 luminaires
		Minimum dimming %:	5
		Overvoltage protection:	6kV Common mode & 6kV Differential mode
		Control:	DALI-2





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