

**Product configuration: BW78**  
BW78: Bollard D=170mm H=1000mm Neutral White Led with DALI electronic ballast and symmetrical optic



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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 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.

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)	9.86

ground anchored

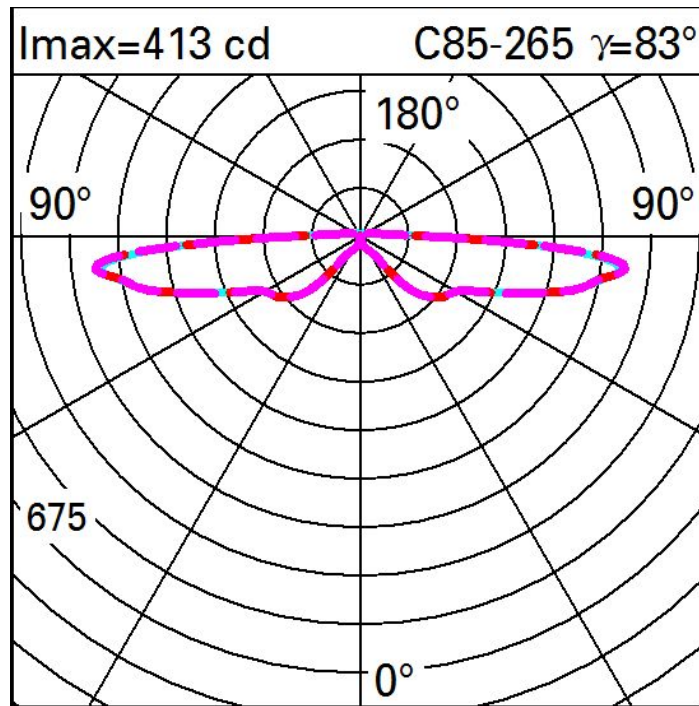
Inside the luminaire is the removable component-holding plate, secured to the box with captive screws and the quick coupling for the electrical connections. DALI Electronic control gear. Complete with rubber output cable A07RN-F 4x1mm L=1700 mm.

Complies with EN60598-1 and pertinent regulations



Im system:	1269	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 assembly:	1
W source:	11	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	102.3	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	101	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	59	Inrush current:	9.2 A / 25 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 27 luminaires B16A: 44 luminaires C10A: 45 luminaires C16A: 74 luminaires
Colour temperature [K]:	4000	Minimum dimming %:	5
MacAdam Step:	3	Overvoltage protection:	6kV Common mode & 6kV Differential mode
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)	Control:	DALI-2

Polar



Isolux

