iGuzzini

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Product configuration: EP06

EP06: Ø180mm optical assembly - Neutral White LED - 220+240Vac DALI - Super Comfort 180° optic - Full Cut-Off



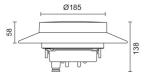
EP06: Ø180mm optical assembly - Neutral White LED - 220+240Vac DALI - Super Comfort 180° optic - Full Cut-Off

Technical description

Product code

Outdoor, ground or pavement-mounted direct light luminaire, designed to use LED lamps, with a 180° asymmetric optic. The complete product consists of an optical assembly and a cylindrical post to be ordered separately. The optical assembly is made up of various parts, including a top cover made of painted aluminium; a PMMA flux enhancer; a transparent polycarbonate emission lens with an extruded internal bracket and an LED circuit fixed in radial mode; a black-painted, die-cast aluminium cone; a die-cast aluminium lower box for housing the control gear; and silicone seals to guarantee a watertight seal between the top cover, the lens and the cone. The external aluminium parts have been 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 following 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. The optical assembly is completed by an H07RN-F 4x1mm rubber outlet cable L=1700 mm. The electrical connection requires IP or BOX IP connectors that need to be ordered separately. All external screws used are made of AISI 303 (A1) stainless steel.

Installation The optical assembly is installed on the lower cylindrical post using a bayonet fitting and secured with two special Torx type screws.



Colour Weight (Kg) White (01) | Black (04) | Grey (15) | Rust Brown (F5) 0.21

Mounting ground anchored

Wiring Electronic control gear unit DALI Vin: 170÷264Vac 164÷264Vdc, 50/60Hz. To adjust the light flow, the control gear can be programmed using a special programming interface (see catalogue) and the output cable from the optical assembly. The control gear is supplied in ON-Off mode and can be transformed into Midnight mode using the interface mentioned above. The DALi driver is compatible with Telemanagement systems. An active control system modifies the current intensity to preserve the lifetime of the LEDs under any external ambient temperature conditions.

Notes



Technical data			
Im system:	236.25	Colour temperature [K]:	4000
W system:	12.3	MacAdam Step:	3
Im source:	1750	Life Time LED 1:	73,000h - L80 - B10 (Ta 25C)
W source:	9.7	Life Time LED 2:	64,000h - L80 - B10 (Ta 40C)
Luminous efficiency (Im/W, real value):	19.21	Lamp code:	LED
		Number of lamps for optical	1
Im in emergency mode:	-	assembly:	
Total light flux at or above	0.0	ZVEI Code:	LED
an angle of 90° [Lm]:		Number of optical	1
Light Output Ratio (L.O.R.)	14	assemblies:	
[%]:		Intervallo temperatura	from -30°C to 50°C.
Beam angle [°]:	116° / 93°	ambiente:	
CRI:	80	Control:	DALI-2