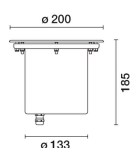


Last information update: August 2020

Product configuration: BV87

BV87: Floor recessed Earth D=200mm - Warm white - Wall Washer Super Comfort optic - DALI

**Product code**

BV87: Floor recessed Earth D=200mm - Warm white - Wall Washer Super Comfort optic - DALI

Technical description

Floor or ground-recessed luminaire designed to use white monochrome LED lamps, a fixed optic and a built-in dimmable DALI electronic ballast. The round frame measures D = 200 mm, the body and frame are made of AISI 304 stainless steel and the extra-clear, sodium - calcium tempered glass cover is 15mm thick. The stainless steel body is painted black. The luminaire is fixed to the outer casing using two Torx type screws that hold it in place. The unit comes complete with LED circuit. The product's wiring system features an A2 stainless steel cable gland with a 1200 mm long A07RNF type 4x1 mm² output power cable. The cable is equipped with an anti-transpiration device (IP68) that consists of a silicone-coated joint located on the power cable and positioned in the control gear box. An outer casing is available for installation and can be ordered separately from the plastic optic assembly. The glass unit, optical assembly, frame and outer casing together guarantee a maximum static load resistance of 5000 kg. The maximum surface temperature of the glass is less than 40°C.

Installation

The product is fixed to the outer casing using two Torx type securing screws. The unit can be floor-recessed using the outer casing for installation or ground-recessed without the outer casing.

Colour

Steel (13)

Weight (Kg)

2.64

Mounting

Floor recessed/ground recessed

Wiring

Product complete with 220÷240V ac DALI dimmable electronic control gear.

Complies with EN60598-1 and pertinent regulations



Immersione completa per periodi limitati, non idoneo in piscine e fontane.



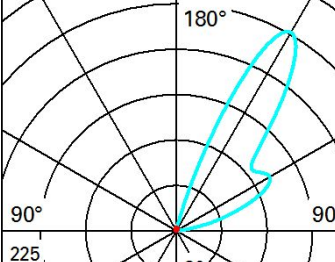
The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

Technical data

Im system:	289
W system:	16.5
Im source:	1700
W source:	15
Luminous efficiency (lm/W, real value):	17.5
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	289
Light Output Ratio (L.O.R.) [%]:	17
CRI:	80
Colour temperature [K]:	3000
MacAdam Step:	2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Ballast losses [W]:	1.5
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Ambient operating temperature range:	from -20°C to +35°C. (*)
Power factor:	See installation instructions
Minimum dimming %:	0
Overvoltage protection:	4kV Common mode & 3kV Differential mode
Dimming mode:	MIXED
Control:	DALI

* Preliminary data

$I_{\max}=379 \text{ cd}$ $\text{C0-180 } \gamma=150^\circ$		Lux				
	h	d1	d2	Em	E _{max}	
	1	1.3	1.3	39	255	
	2	2.6	2.7	10	64	
	3	3.9	4	4	28	
	4	5.2	5.4	2	16	

$I_{\max}=379 \text{ cd}$ C0-180 $\gamma=150^\circ$		Lux				
	h	d1	d2	Em	E _{max}	
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$\alpha=66^\circ / 68^\circ$						