

Last information update: March 2025

Product configuration: BV85+X197.04

BV85: Floor recessed Earth D=144mm - Warm white - Wall Washer Super Comfort optic
 X197.04: Plastic casing for installation on floors + end cap - Black



Product code

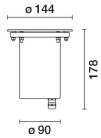
BV85: Floor recessed Earth D=144mm - Warm white - Wall Washer Super Comfort optic

Technical description

Floor or ground-recessed luminaire designed to use white monochrome LED lamps, a fixed optic and a built-in electronic ballast. The round frame measures D = 144 mm, the body and frame are made of AISI 304 stainless steel and the extra-clear, sodium - calcium tempered glass cover is 12mm 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 H07RNF type 2x1 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.



Colour
Steel (13)

Weight (Kg)
1.5

Mounting
Floor recessed|ground recessed

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

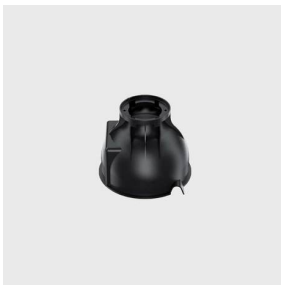
Notes
IP68 rating on both the product and the cable using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 2kV Common Mode, 1kV Differential Mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

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.



Accessory code

X197.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

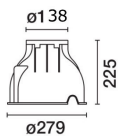
Installation
Floor-standing (concrete)

Colour
Black (04)

Weight (Kg)
0.88

Mounting
ground surface|Floor recessed|ground recessed

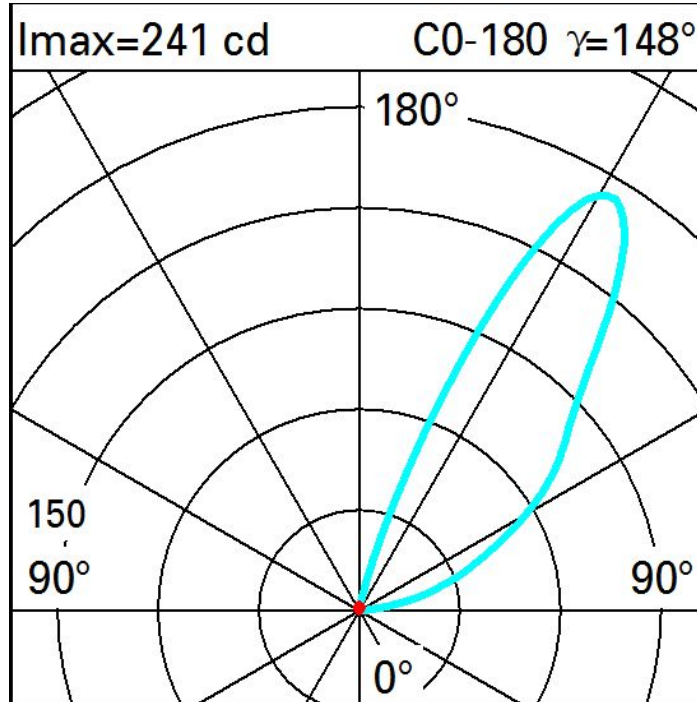
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	180	Colour temperature [K]:	3000
W system:	11.6	MacAdam Step:	2
Im source:	1200	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	9.7	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	15.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	180	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	15	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.

Polar



Illuminances

Lux		Wall distance = 2m										
6												
		0.3	0.5	0.8	1	1	2	1	1	0.8	0.5	0.3
4		0.4	0.8	2	3	4	5	4	3	2	0.8	0.4
		0.3	1.0	2	5	8	10	8	5	2	1.0	0.3
2		0.1	0.4	2	6	11	14	11	6	2	0.4	0.1
			0.1	0.3	2	9	14	9	2	0.3	0.1	
0												
	m	-4	-2	0	2	4	6					