

Last information update: March 2025

Product configuration: E120+X197.04

E120: Recessed floor luminaire Earth D=144 mm - Neutral White - Wall Washer optic
 X197.04: Plastic casing for installation on floors + end cap - Black



Product code

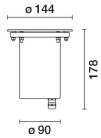
E120: Recessed floor luminaire Earth D=144 mm - Neutral White - Wall Washer optic

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with incorporated electronic control gear. The round frame has a diameter D=144 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 12mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit. The product is wired using an A2 stainless steel cable gland, with type-H07RNF 2x1 mm² outgoing power cable (L=1200 mm). The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.



Colour
Steel (13)

Weight (Kg)
1.5

Mounting
Floor recessed|ground recessed

Wiring
Product inclusive of 220-240 VAC electronic control gear

Notes

IP68 protection rating for both the product and the power cable using IP68 connectors * The product is not deemed suitable for installation in pools and fountains. Overvoltage protection: 2KV Common mode, 1KV differenzial 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

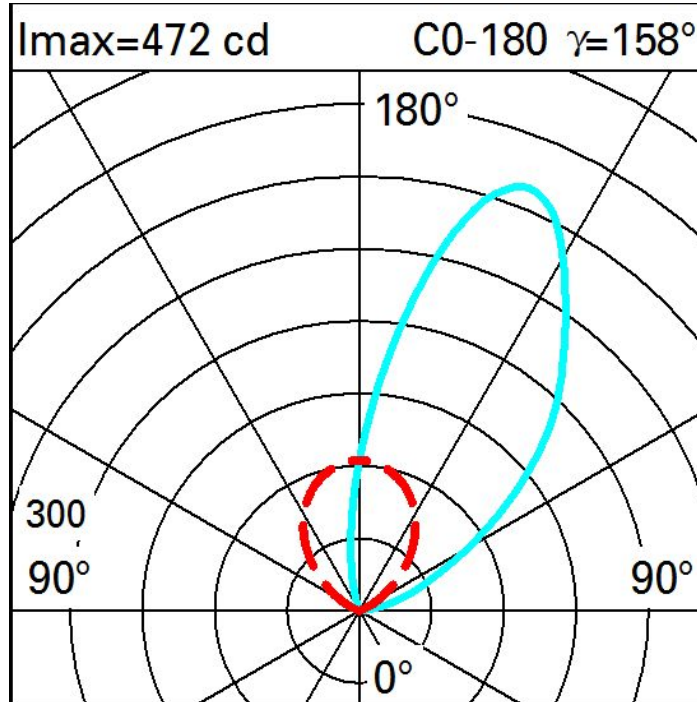
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	481	Colour temperature [K]:	4000
W system:	11.6	MacAdam Step:	2
Im source:	1300	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):	41.5	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]:	481	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	37	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.

Polar



Illuminances

Lux		Wall distance = 1m										
6												
		0.4	0.7	1	2	2	3	2	2	1	0.7	0.4
4		0.4	0.8	2	3	5	6	5	3	2	0.8	0.4
		0.3	0.7	2	5	11	14	11	5	2	0.7	0.3
2		0.1	0.4	2	8	26	41	26	8	2	0.4	0.1
				0.3	4	39	101	39	4	0.3		
0												
	m	-4	-2	0	2	4	6					