

Last information update: January 2025

Product configuration: SS90.01

SS90.01: Square optic assembly 180x180mm – AL optic – Warm White – 220÷240Vac - White

**Product code**

SS90.01: Square optic assembly 180x180mm – AL optic – Warm White – 220÷240Vac - White

Technical description

Luminaire for walkways designed to use LED lamps with a high efficiency value. Ceiling, wall-recessed and pole-mounted installation. It consists of an optical assembly with an IP66 protection rating and an outer casing or wall-mounted base to be ordered separately. The optical assembly and base are made of aluminium alloy treated with powder paint, which provides a high level of resistance to weather and UV rays. Plastic closure guard at the rear of the optical assembly. Complete with plastic cable gland and outlet cable. Transparent sodium-calcium tempered safety glass Luminaire with no visible screws and an anti-vandal system that uses an opening key to access the rear wiring compartment (supplied in the package). All external screws used are made of A2 stainless steel.

Installation

Wall-recessed installation with a plastic outer casing to be ordered separately. Disposable polystyrene formwork for creating the outer casing housings for installations in concrete walls that are then plastered or finished with bricks so the end surface is flush with the optical assembly. Wall-mounted installation requires an aluminium base to be ordered separately. Pole-mounted installation requires a pole to be ordered separately.

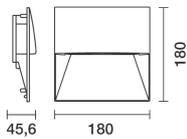
Colour

White (01)

Weight (Kg)

0.74

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	710	MacAdam Step:	3
W system:	5.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	1060	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	4.8	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	122.4	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	106	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	67	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to 50°C.
Colour temperature [K]:	2700	Control:	On/off

Polar