

Last information update: May 2025

**Product configuration: EI33.F5**

EI33.F5: Square optic assembly 180x180mm – AL optic – Warm White LED – 220÷240Vac - 11.5W 406lm - 2700K - Rust Brown

**Product code**

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**Technical description**

Luminaire for walkways designed to use high visual comfort LED lamps. Ceiling and wall-recessed 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. Sodium-calcium tempered satin finish 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. If ceiling-mounted an aluminium base is used to be ordered separately.

**Colour**

Rust Brown (F5)

**Weight (Kg)**

0.74

**Mounting**

wall arm|wall recessed|wall surface

**Wiring**

Version with 220÷240Vac On-Off integrated ballast.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	374	Colour temperature [K]:	2700
W system:	11.5	MacAdam Step:	3
Im source:	1450	Life Time LED 1:	77,000h - L80 - B10 (Ta 25°C)
W source:	9.9	Life Time LED 2:	77,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	32.5	Voltage [Vin]:	230
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	4	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	26	ZVEI Code:	LED
CRI (minimum):	80	Number of optical assemblies:	1
Rf (Colour Fidelity Index):	85	Intervallo temperatura ambiente:	from -20°C to 50°C.
Rg (Gamut Index):	95		

$I_{\max} = 286 \text{ cd}$ 
 $C5-185 \gamma = 27^\circ$

$\alpha = 73^\circ / 51^\circ$

Graph showing the relationship between distance (m) on the x-axis and Lux on the y-axis. The graph is for a 11.5 W LED at a height of 5 m and an angle of 0°. The curves represent different beam angles, with the red curve labeled '23:518'.

Figure 1: A 3D plot showing the distribution of light intensity (Lux) in a room with a wall distance of 1 m. The plot shows a grid of light intensity values (Lux) at different distances (m) from the wall. The x-axis represents distance in meters (m) from -2 to 2, and the y-axis represents distance in meters (m) from 0 to 3. The z-axis represents light intensity in Lux, ranging from 0 to 3. The plot shows a grid of light intensity values (Lux) at different distances (m) from the wall. The values are highest at the center (0, 0) and decrease towards the edges. The plot is titled 'Wall distance = 1 m'.