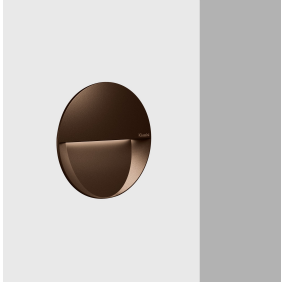


Last information update: April 2025

**Product configuration: EI55.F5**

EI55.F5: Round optic assembly Ø200mm – AL optic – Neutral White LED – 220÷240Vac - DALI - 11.7W 448lm - 4000K - Rust Brown

**Product code**

EI55.F5: Round optic assembly Ø200mm – AL optic – Neutral White LED – 220÷240Vac - DALI - 11.7W 448lm - 4000K - Rust Brown

**Technical description**

Luminaire for walkways designed to use high visual comfort LED lamps. 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 is 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**

Black plastic outer casing. 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.

**Colour**

Rust Brown (F5)\*

**Weight (Kg)**

0.97

\* Colours on request

**Mounting**

wall arm|wall recessed|wall surface

**Wiring**

Version with 220÷240Vac DALI integrated ballast.

Complies with EN60598-1 and pertinent regulations



IK09

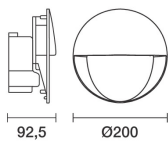
IP66



pending

**Technical data**

Im system:	413	MacAdam Step:	3
W system:	11.7	Life Time LED 1:	77,000h - L80 - B10 (Ta 25°C)
Im source:	1600	Life Time LED 2:	77,000h - L80 - B10 (Ta 40°C)
W source:	9.9	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	35.3	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]:	5	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	26	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to 50°C.
Colour temperature [K]:	4000	Control:	DALI-2



$I_{\max} = 319 \text{ cd}$ 
 $C0-180 \gamma = 27^\circ$

$\alpha = 73^\circ / 88^\circ$

Graph showing the illuminance (lux) distribution on the ground plane for a 11.7 W LED at a height of 5 m, with the beam angle  $\alpha = 0^\circ$ . The x-axis represents the distance in meters (m) from the LED, ranging from -1 to 9. The y-axis represents the illuminance in lux, ranging from 0 to 22. The LED is located at the origin (0,0). The curves represent constant illuminance levels, with the innermost curve labeled 22 lux and the outermost curve labeled 10 lux.

Lux		Wall distance = 1m										
3												
		1	3	9	27	73	114	73	27	9	3	1
2		3	6	15	36	75	103	75	36	15	6	3
		3	7	14	28	47	57	47	28	14	7	3
1		4	6	11	19	27	30	27	19	11	6	4
		3	5	8	12	16	17	16	12	8	5	3
0												
	m	-2	-1	0	1	2	3					