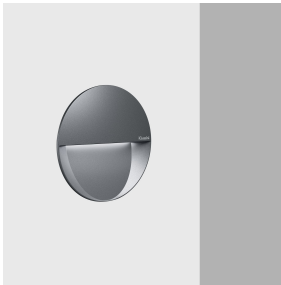


Last information update: April 2025

Product configuration: EI55.15

EI55.15: Round optic assembly Ø200mm – AL optic – Neutral White LED – 220÷240Vac - DALI - 11.7W 448lm - 4000K - Grey

**Product code**

EI55.15: Round optic assembly Ø200mm – AL optic – Neutral White LED – 220÷240Vac - DALI - 11.7W 448lm - 4000K - Grey

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

Grey (15)*

Weight (Kg)

0.97

* Colours on request

Mounting

wall arm|wall recessed|wall surface

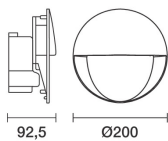
Wiring

Version with 220÷240Vac DALI integrated ballast.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	448	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):	38.3	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]:	10	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	28	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to 50°C.
Colour temperature [K]:	4000	Control:	DALI-2



$I_{\max} = 351 \text{ cd}$
 $C0-180 \quad \gamma = 27^\circ$

90°
 180°
 90°

375

0°

$\alpha = 75^\circ / 92^\circ$

[illegible]

Figure 1: A grid showing the distribution of light intensity (Lux) at a wall distance of 1 m. The grid is 3m wide and 3m high. The x-axis is labeled 'm' and ranges from -3 to 3. The y-axis is labeled 'Lux' and ranges from 0 to 3. The grid shows a peak of 130 Lux at the center (0, 0).

Lux	Wall distance = 1 m												
3													
	1	4	10	30	82	130	82	30	10	4	1		
2	3	7	16	38	80	111	80	38	16	7	3		
	4	8	15	30	50	62	50	30	15	8	4		
1	4	7	12	20	29	33	29	20	12	7	4		
	3	5	9	13	17	19	17	13	9	5	3		
0													
	m	-2	-1	0	1	2	3						