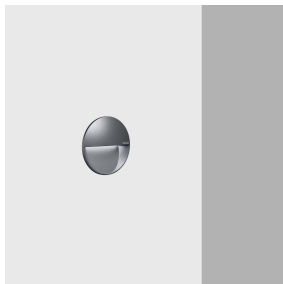


Last information update: May 2025

**Product configuration: EI27.15**

EI27.15: Round optic assembly Ø100mm – AL optic – Warm White LED – 24Vdc - Grey

**Product code**

EI27.15: Round optic assembly Ø100mm – AL optic – Warm White LED – 24Vdc - Grey

**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**

Grey (15)

**Weight (Kg)**

0.17

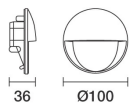
**Mounting**

wall arm|wall recessed|wall surface

**Wiring**

Version with remote 24Vdc ballast.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	107	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	4.6	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	510	Voltage [Vin]:	24
W source:	3.2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	23.3	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	4	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	21	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	50
Colour temperature [K]:	2700	Control:	PWM
MacAdam Step:	3		

Imax=85 cd

C5-185  $\gamma=25^\circ$

90° 180° 90°

75

0°

$\alpha=70^\circ / 128^\circ$

Figure 10 is a 3D plot showing the distribution of light intensity (Lux) in a room with a wall distance of 1m. The plot shows a grid of light intensity values (Lux) at different distances (m) from the wall. The values range from 0.3 to 29 Lux. The highest intensity is at the center (0m distance, 3m height).

Distance (m)	0.3m	0.8m	2m	7m	18m	29m	18m	7m	2m	0.8m	0.3m
3m	0.3	0.8	2	7	18	29	18	7	2	0.8	0.3
2m	0.6	1	4	9	18	24	18	9	4	1	0.6
1m	0.8	2	4	7	12	14	12	7	4	2	0.8
0m	0.9	2	3	5	7	8	7	5	3	2	0.9
0m	0.8	1	2	3	4	5	4	3	2	1	0.8