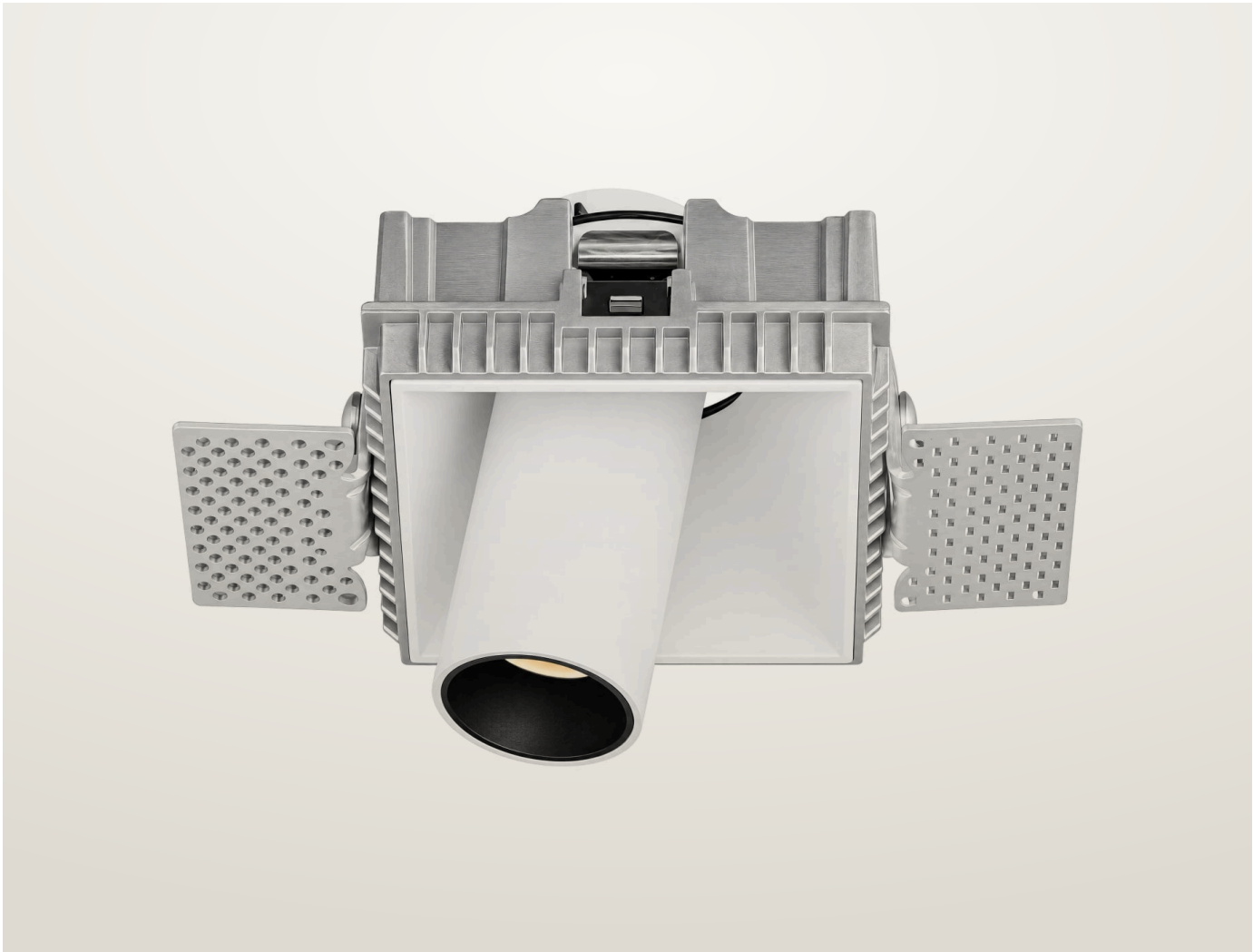
Downlights

Robo DL1870

Recessed spotlight

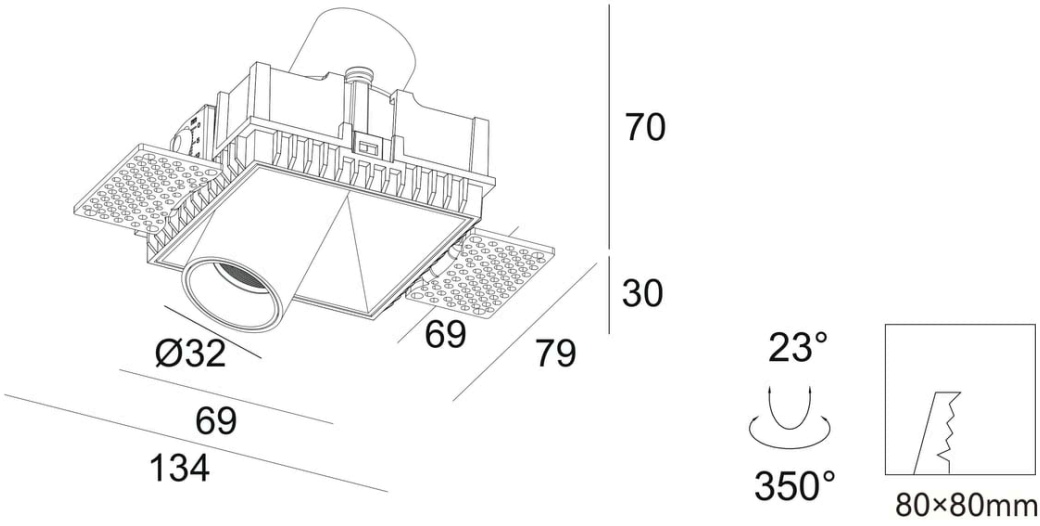


Recessed spotlight. 10 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø80 mm
- LED source: Citizen

Power **10 W**	Voltage **max 19 V**	Luminous flux **960 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°, 60°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **White**		

Dimensions



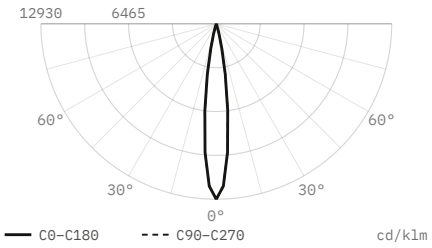
Models

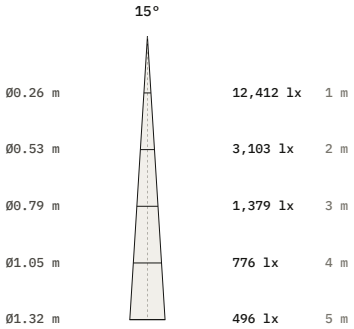
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1870	10 W	max 19 V	960 lm	97 CRI	69 × 69 mm body, 134 × 79 mm with plaster wings, Ø32 mm head; heights 70 / 30 mm	Ø80 mm	15° 24° 36° 60°	500 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1870, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

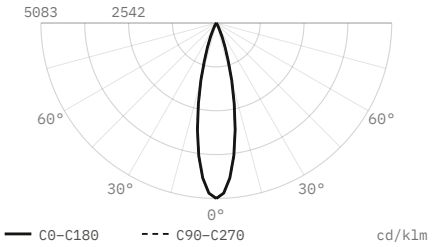
DL1870, 10 W, 15° beam

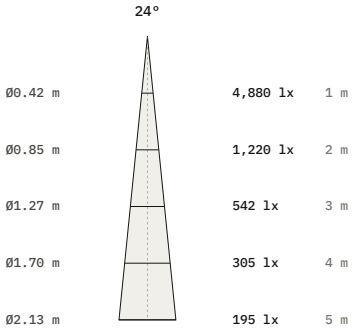




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø32 × 69 mm
Data	Calculated from catalogue data

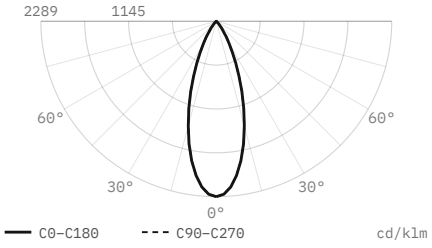
DL1870, 10 W, 24° beam

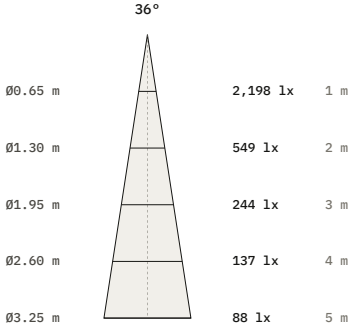




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø32 × 69 mm
Data	Calculated from catalogue data

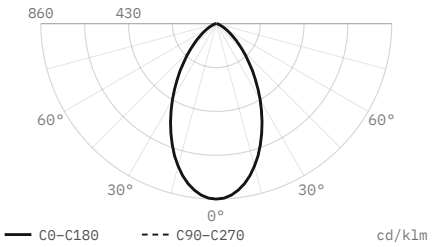
DL1870, 10 W, 36° beam

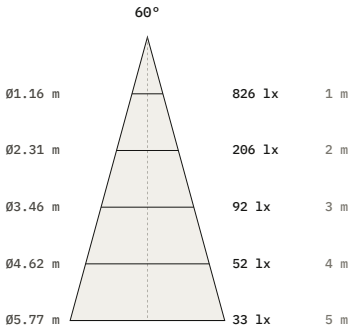




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	2,198 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø32 × 69 mm
Data	Calculated from catalogue data

DL1870, 10 W, 60° beam





Luminous flux	**960 lm**
Efficacy	**96 lm/W**
Peak intensity	**826 cd, 860 cd/klm**
Beam angle (50%)	**60°**
Field angle (10%)	**109.4°**
Cut-off angle (2.5%)	**69°**
Flux 0–30° / 30–60° / 60–90°	**52.4 / 42.6 / 5 %**
Size	**Ø32 × 69 mm**
Data	**Calculated from catalogue data**

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.