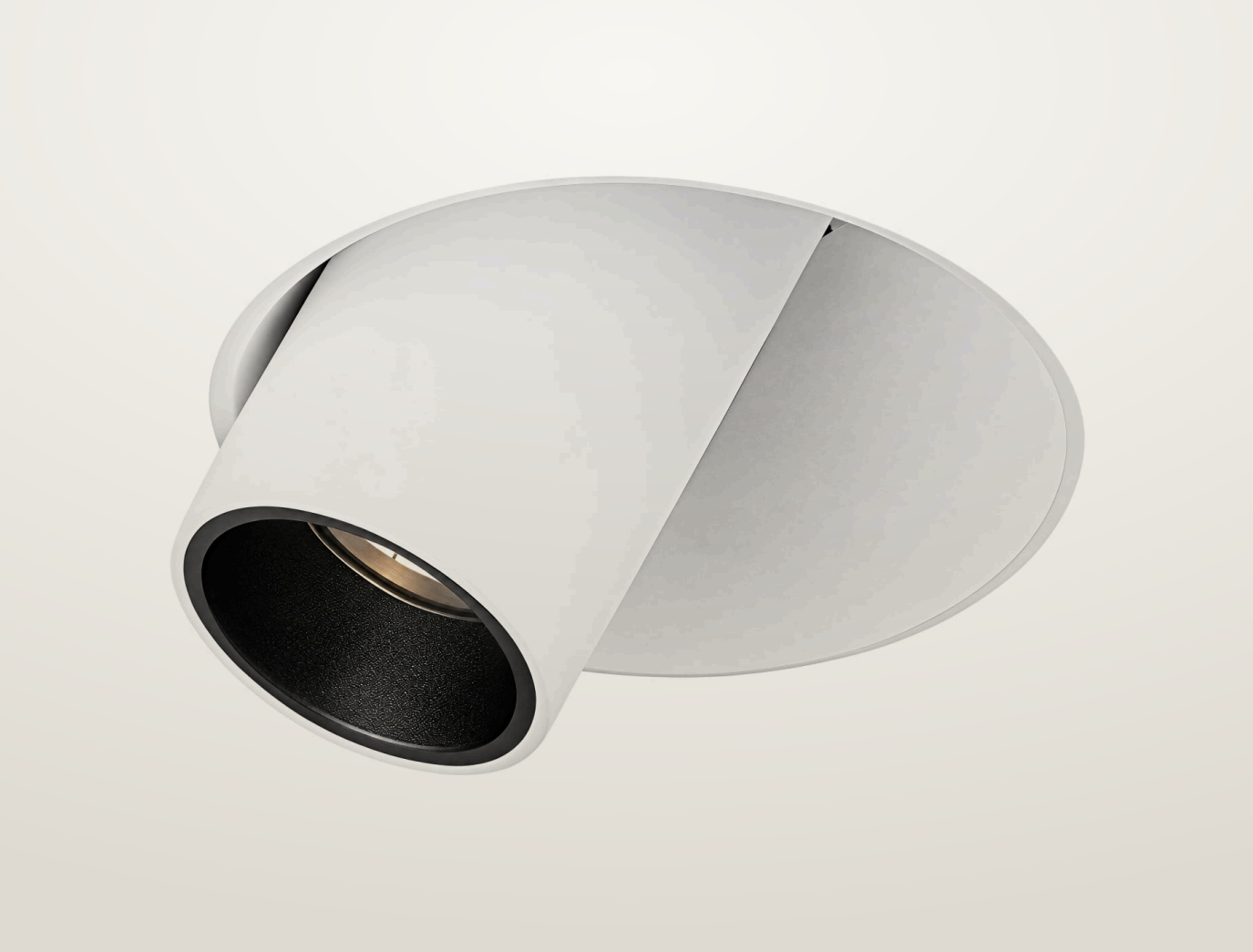
Downlights

Robo DL1852

Recessed spotlight

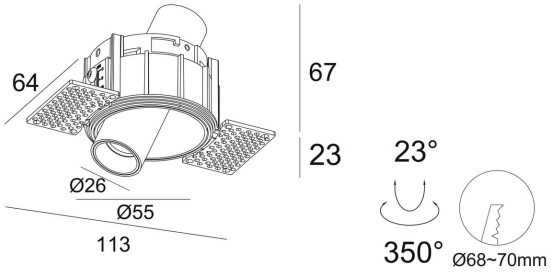


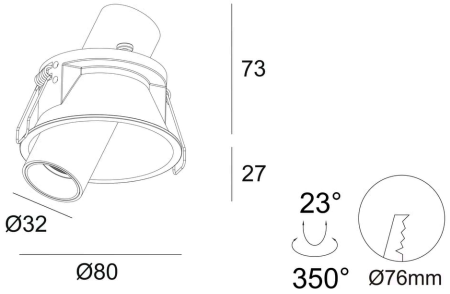
Recessed spotlight. 7 or 10 W. Beam angles 15° to 60°, by model. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø68 / Ø76 mm
- LED source: Citizen

Power **7 W, 10 W**	Voltage **max 19 V**	Luminous flux **630 lm, 960 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°, 50°, 60°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **White**		

Dimensions





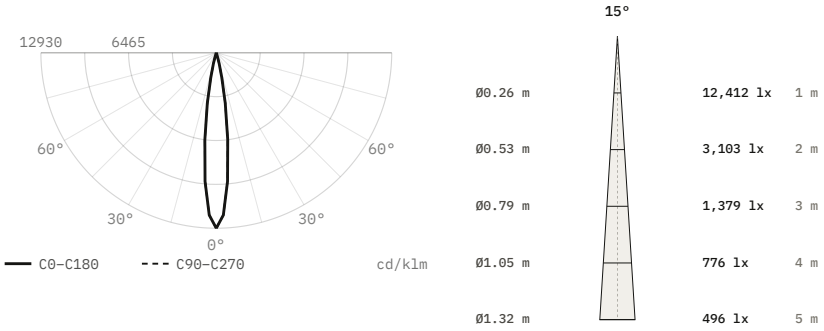
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1852	7 W	max 19 V	630 lm	97 CRI	Ø55 mm body, 113 × 64 mm with plaster wings, Ø26 mm head; heights 67 / 23 mm	Ø68 mm	15° 24° 36° 50°	350 mA
DL1871	10 W	max 19 V	960 lm	97 CRI	Ø80 mm flange, Ø32 mm head; heights 73 / 27 mm	Ø76 mm	15° 24° 36° 60°	500 mA

Photometry

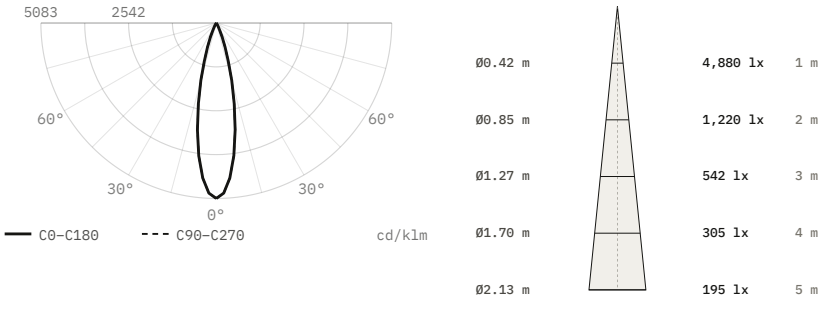
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1871, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1871, 10 W, 15° beam



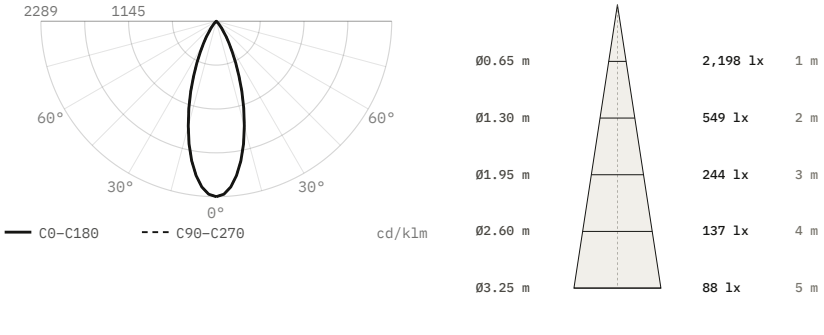
Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø80 × 32 mm
Data	Calculated from catalogue data

DL1871, 10 W, 24° beam



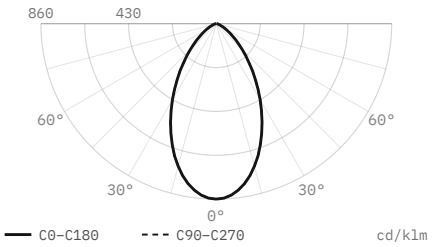
Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø80 × 32 mm
Data	Calculated from catalogue data

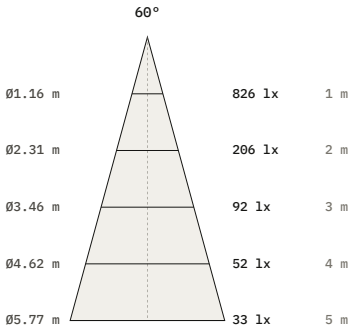
DL1871, 10 W, 36° beam



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	Ø80 × 32 mm
Data	Calculated from catalogue data

DL1871, 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	Ø80 × 32 mm
Data	Calculated from catalogue data

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Technical data may change without notice.