Downlights

Robo DL1607

Recessed spotlight

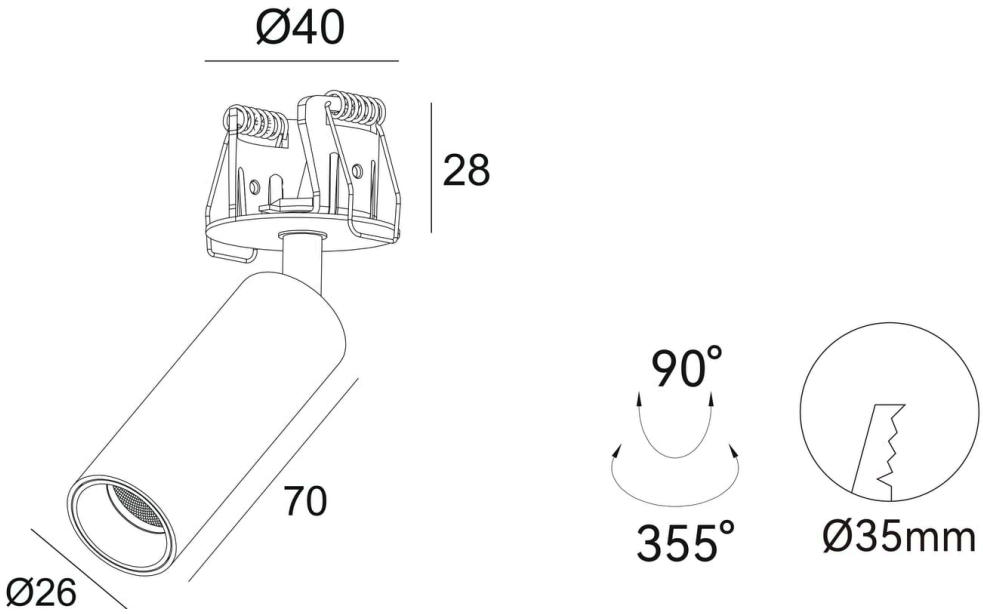


Recessed spotlight. 5 W. Three beam angles, 15° to 36°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø35 mm
- LED source: Citizen

Power **5 W**	Voltage **max 19 V**	Luminous flux **450 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **White**		

Dimensions



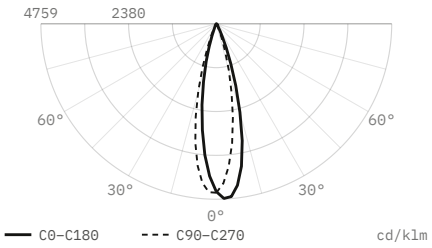
Models

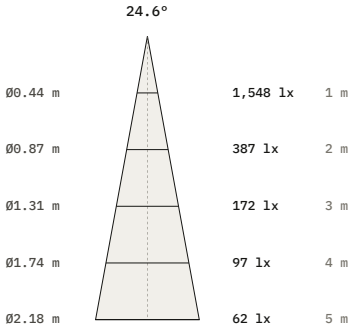
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1607	5 W	max 19 V	450 lm	97 CRI	Ø40 x H28 mm above ceiling; head Ø26 x L70 mm	Ø35 mm	15° 24° 36°	250 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1607, from the same data as the IES and LDT files on the product page. Curves marked measured come from goniophotometer tests in the laboratory; the others are calculated from catalogue data, not measured.

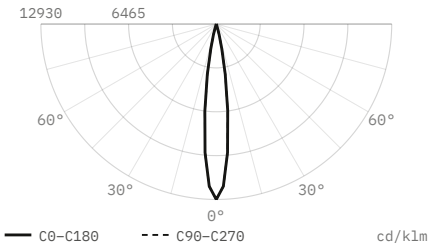
DL1607, 5.5 W, 3000 K, 24° beam, measured

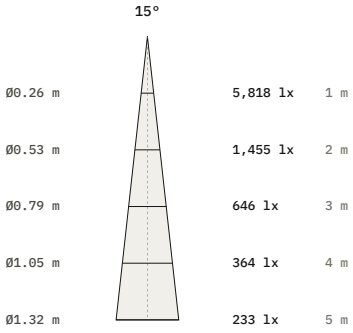




Luminous flux	340 lm
Efficacy	62 lm/W
Peak intensity	1,618 cd, 4,759 cd/klm
Beam angle (50%)	24.6°
Field angle (10%)	42.6°
Cut-off angle (2.5%)	30°
Flux 0–30° / 30–60° / 60–90°	93.7 / 5.6 / 0.7 %
Size	Ø40 × 28 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 18 November 2025

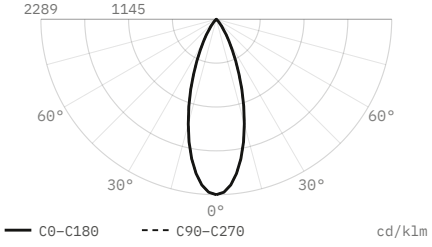
DL1607, 5 W, 15° beam

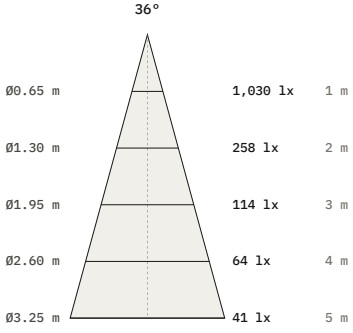




Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	5,818 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø40 × 28 mm
Data	Calculated from catalogue data

DL1607, 5 W, 36° beam





Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	1,030 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	Ø40 × 28 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.