Downlights

Robo DL1565

Recessed spotlight

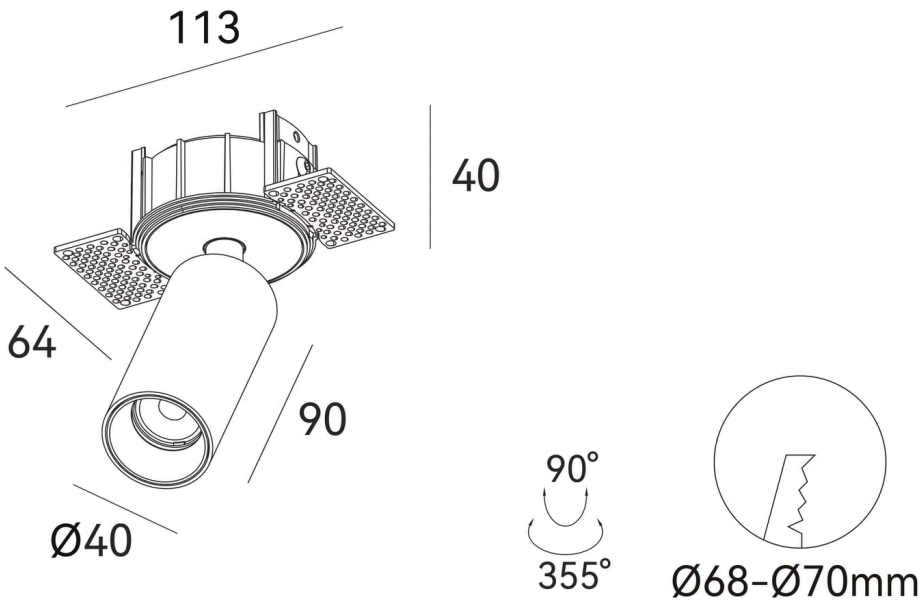


Recessed spotlight. 7 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

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

Power **7 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°, 50°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **White**		

Dimensions



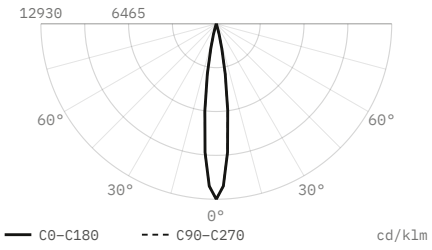
Models

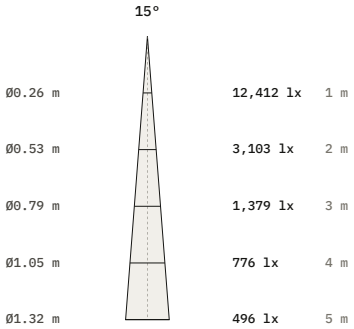
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1565	7 W	max 19 V	960 lm	97 CRI	Trimless frame 113 / 64, H40 mm; head Ø40 x L90 mm	Ø68 mm	15° 24° 36° 50°	500 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1565, 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.

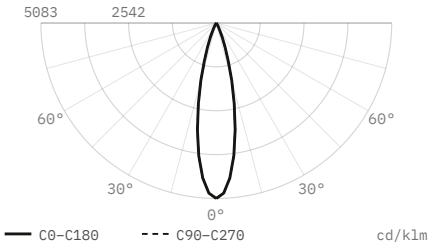
DL1565, 7 W, 15° beam

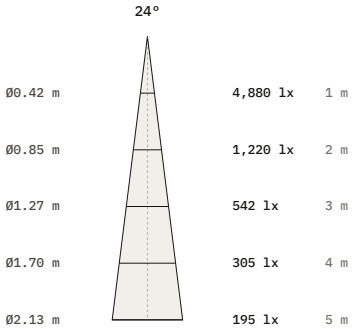




Luminous flux	960 lm
Efficacy	137 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	113 × 64 × 40 mm
Data	Calculated from catalogue data

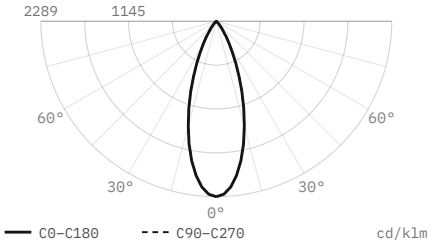
DL1565, 7 W, 24° beam

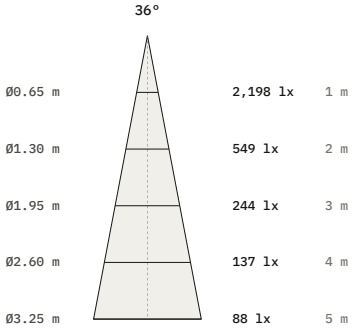




Luminous flux	960 lm
Efficacy	137 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	113 × 64 × 40 mm
Data	Calculated from catalogue data

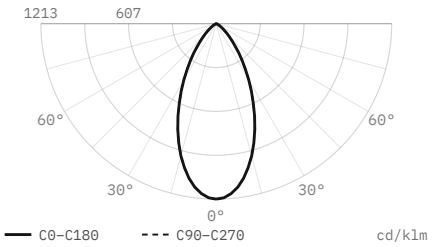
DL1565, 7 W, 36° beam

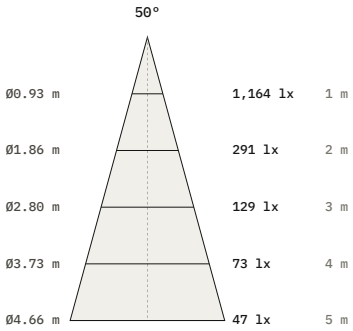




Luminous flux	960 lm
Efficacy	137 lm/W
Peak intensity	2,198 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	113 × 64 × 40 mm
Data	Calculated from catalogue data

DL1565, 7 W, 50° beam





Luminous flux	960 lm
Efficacy	137 lm/W
Peak intensity	1,164 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	113 × 64 × 40 mm
Data	Calculated from catalogue data

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Technical data may change without notice.