Downlights

Robo DL1856

Recessed spotlight

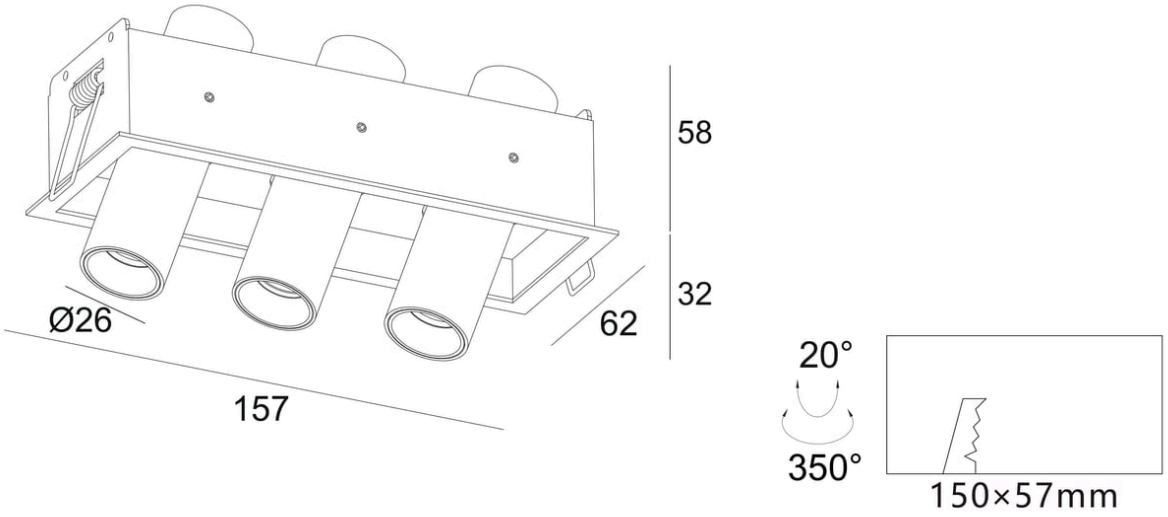


Recessed spotlight. 21 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø150 mm
- LED source: Citizen

Power **21 W**	Voltage **3 × max 19 V**	Luminous flux **3 × 630 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



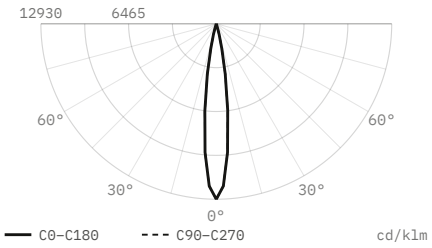
Models

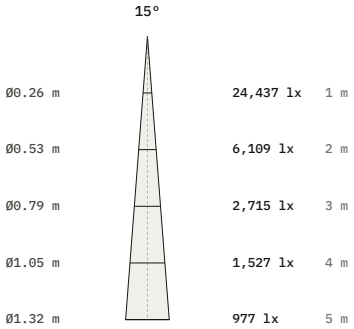
Code	Version	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1856	3 heads	21 W	3 × max 19 V	3 × 630 lm	97 CRI	157 × 62 mm; heights 58 / 32, Ø26 mm head	Ø150 mm	15° 24° 36° 50°	350 mA; Power per head

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1856, 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.

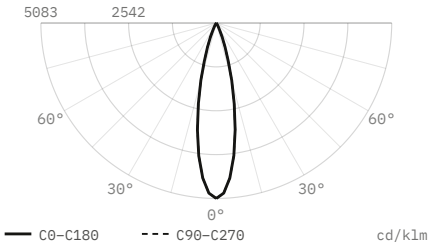
DL1856, 21 W, 15° beam

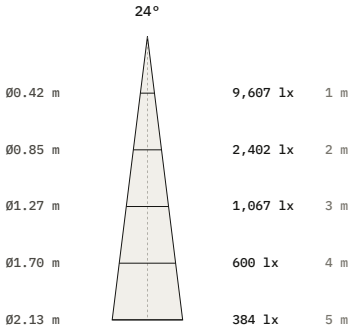




Luminous flux	1,890 lm
Efficacy	90 lm/W
Peak intensity	24,437 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	157 × 62 mm
Data	Calculated from catalogue data

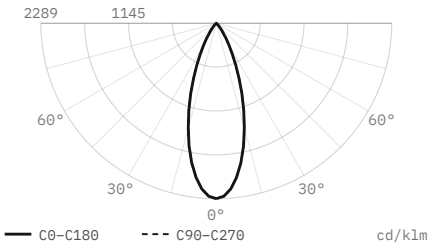
DL1856, 21 W, 24° beam

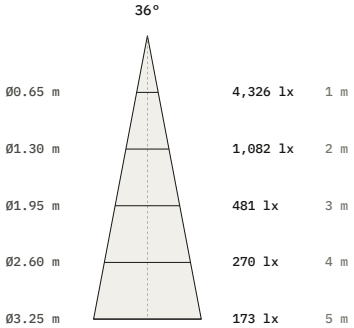




Luminous flux	1,890 lm
Efficacy	90 lm/W
Peak intensity	9,607 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	157 × 62 mm
Data	Calculated from catalogue data

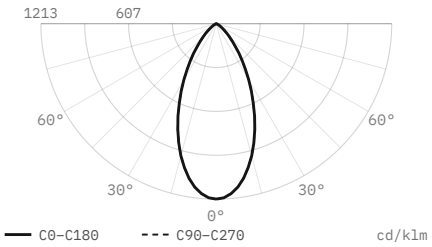
DL1856, 21 W, 36° beam

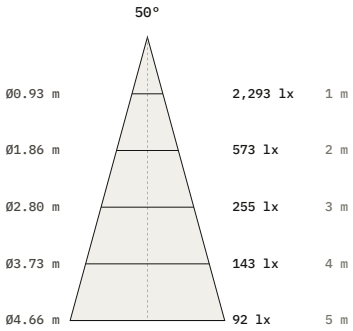




Luminous flux	1,890 lm
Efficacy	90 lm/W
Peak intensity	4,326 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	157 × 62 mm
Data	Calculated from catalogue data

DL1856, 21 W, 50° beam





Luminous flux	1,890 lm
Efficacy	90 lm/W
Peak intensity	2,293 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	157 × 62 mm
Data	Calculated from catalogue data

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Technical data may change without notice.