Downlights

Robo DL1855

Recessed spotlight



Recessed spotlight. 14 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

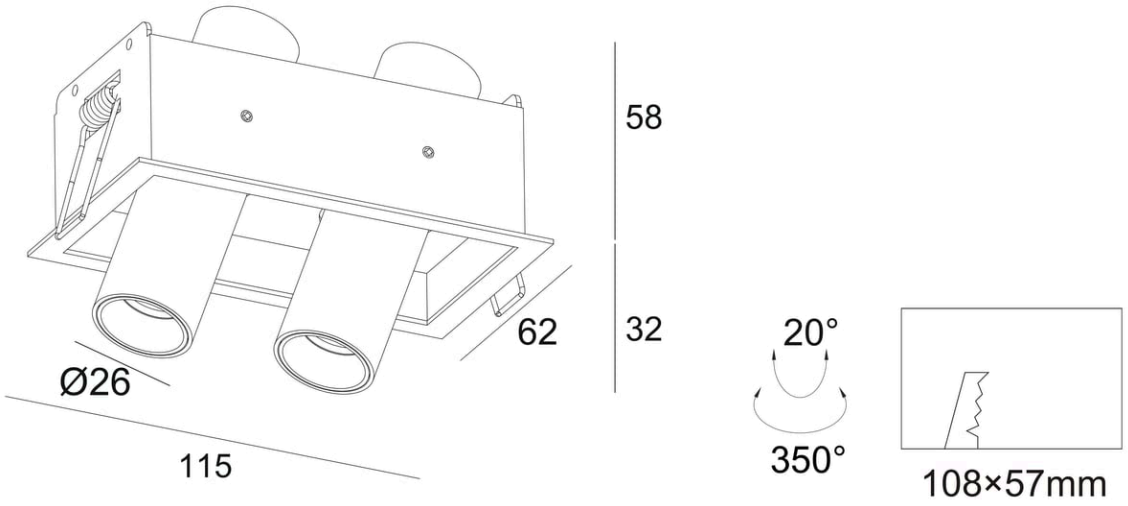
- Ceiling cut-out Ø108 mm
- LED source: Citizen

Power	Voltage	Luminous flux
14 W	2 × max 19 V	2 × 630 lm
Colour temperature	**CRI**	**Beam angles**
2700 K, 3000 K, 4000 K	97 CRI	15°, 24°, 36°, 50°
IP rating	**Certifications**	**Mounting**
IP20	CE	Recessed

Finishes

White

Dimensions



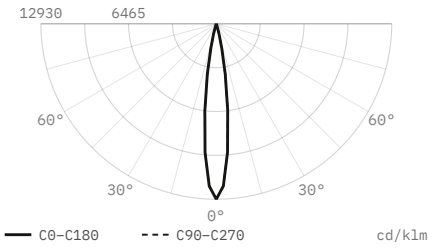
Models

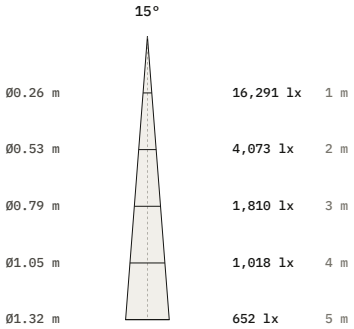
Code	Version	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1855	2 heads	14 W	2 × max 19 V	2 × 630 lm	97 CRI	115 × 62 mm; heights 58 / 32, Ø26 mm head	Ø108 mm	15° 24° 36° 50°	350 mA; Power per head

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1855, 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.

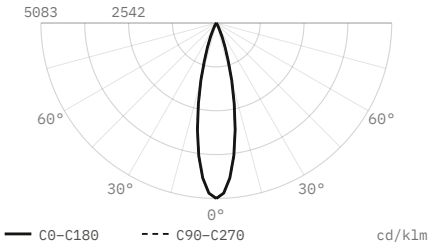
DL1855, 14 W, 15° beam

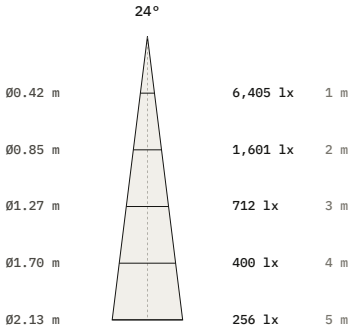




Luminous flux	1,260 lm
Efficacy	90 lm/W
Peak intensity	16,291 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	115 × 62 mm
Data	Calculated from catalogue data

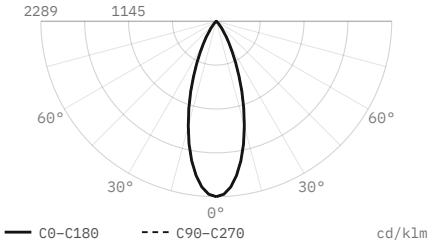
DL1855, 14 W, 24° beam

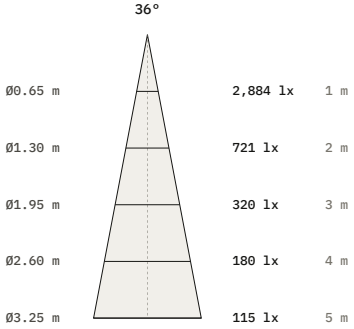




Luminous flux	1,260 lm
Efficacy	90 lm/W
Peak intensity	6,405 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	115 × 62 mm
Data	Calculated from catalogue data

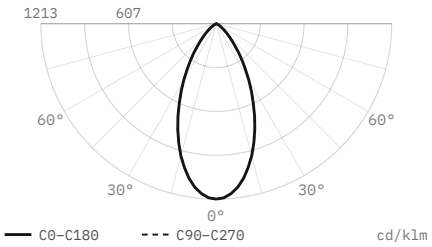
DL1855, 14 W, 36° beam

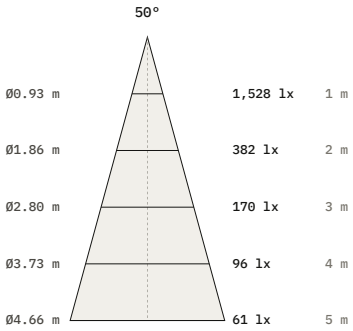




Luminous flux	1,260 lm
Efficacy	90 lm/W
Peak intensity	2,884 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	115 × 62 mm
Data	Calculated from catalogue data

DL1855, 14 W, 50° beam





Luminous flux	1,260 lm
Efficacy	90 lm/W
Peak intensity	1,528 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	115 × 62 mm
Data	Calculated from catalogue data

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Technical data may change without notice.