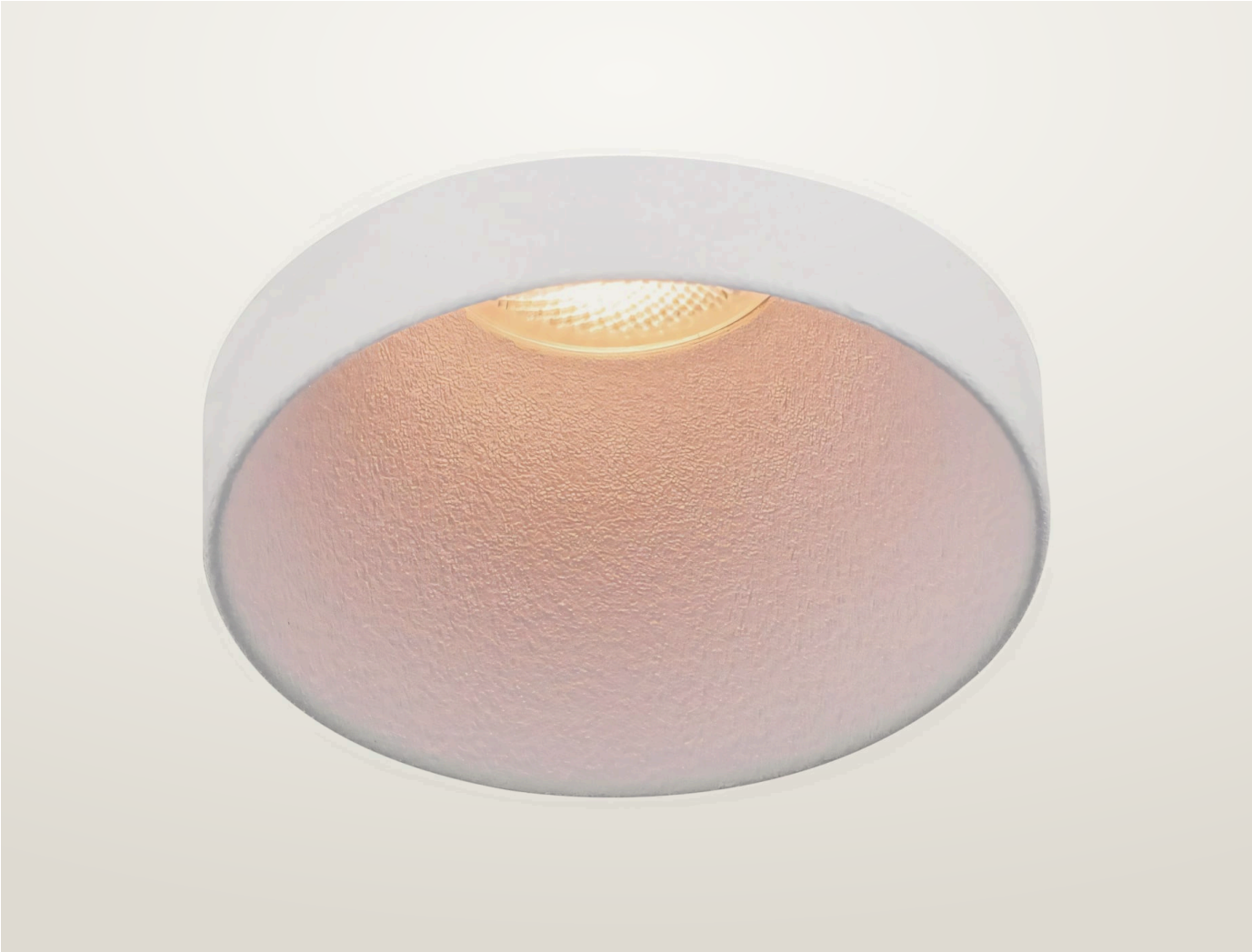


Recessed

Royce DL1828

Recessed spotlight

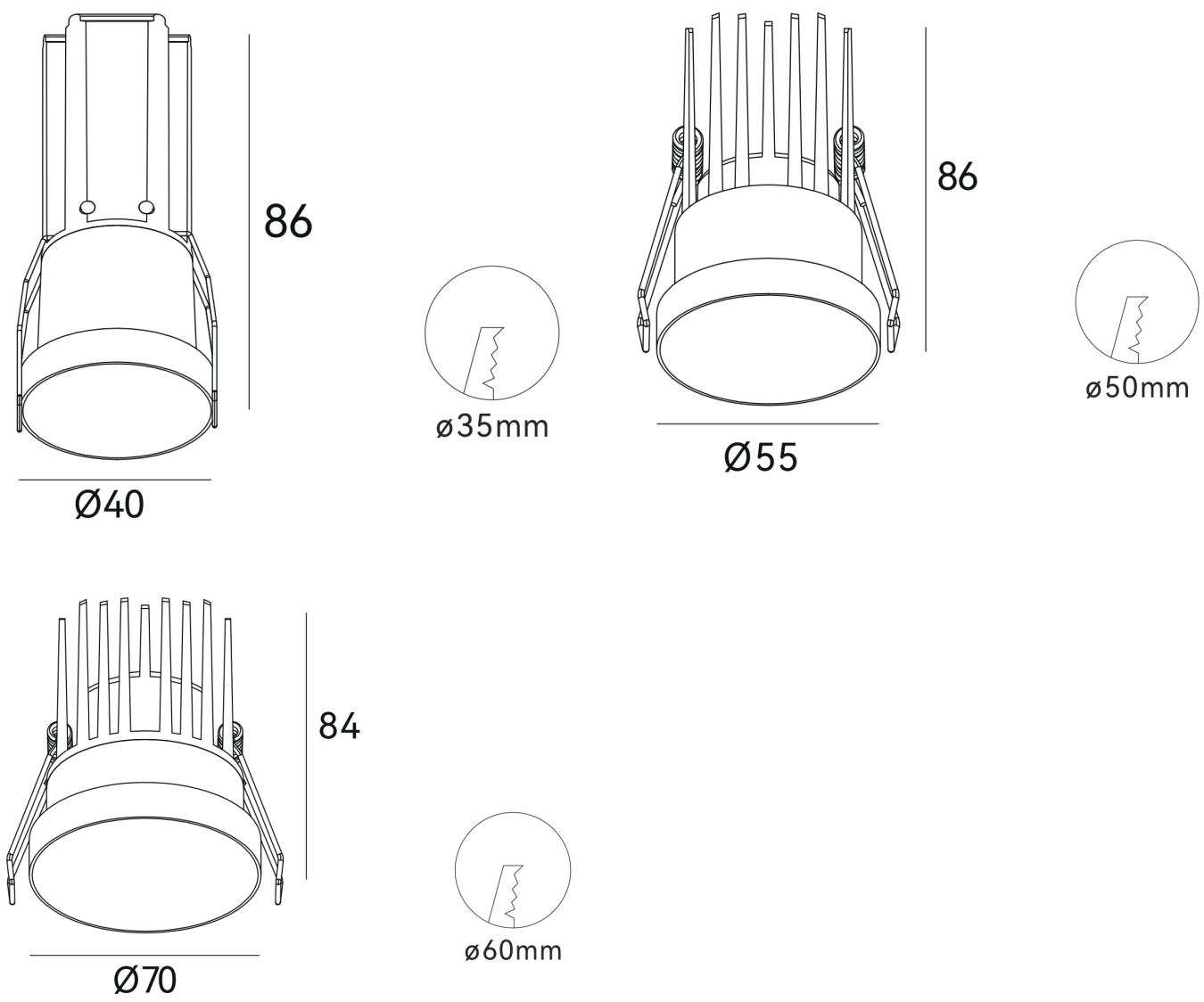


Recessed spotlight. 7, 10 or 13 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø35 / Ø50 / Ø60 mm
- LED source: Citizen

Power 7 W, 10 W, 13 W	Voltage max 19 V, max 37 V	Luminous flux 630 lm, 960 lm, 1180 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 55°
IP rating IP20	Certifications CE	Mounting Recessed
Finishes Black		

Dimensions



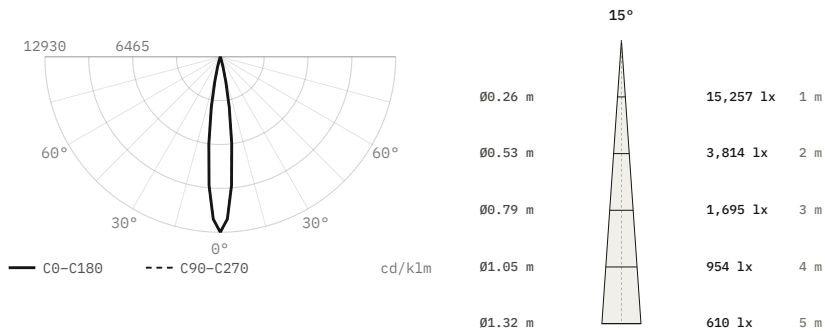
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1828	7 W	max 19 V	630 lm	97 CRI	Ø40 x H86 mm	Ø35 mm	15° 24° 36° 55°	350 mA
DL1829	10 W	max 19 V	960 lm	97 CRI	Ø55 x H86 mm	Ø50 mm	15° 24° 36° 55°	500 mA
DL1830	13 W	max 37 V	1180 lm	97 CRI	Ø70 x H84 mm	Ø60 mm	15° 24° 36° 55°	350 mA

Photometry

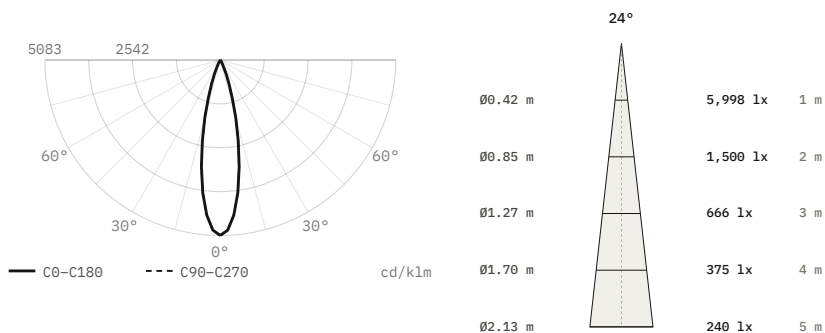
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1830, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1830, 13 W, 15° beam



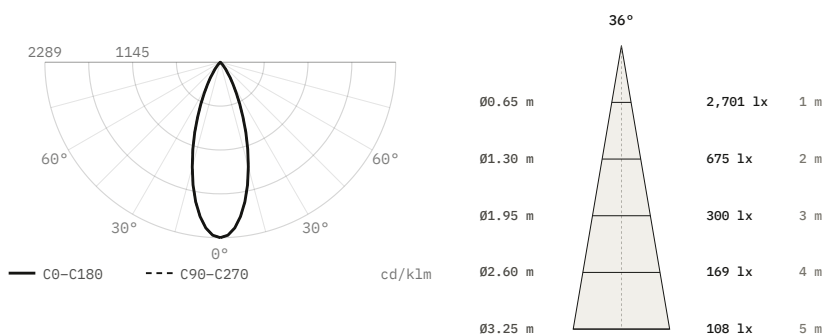
Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	15,257 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø70 × 84 mm
Data	Calculated from catalogue data

DL1830, 13 W, 24° beam



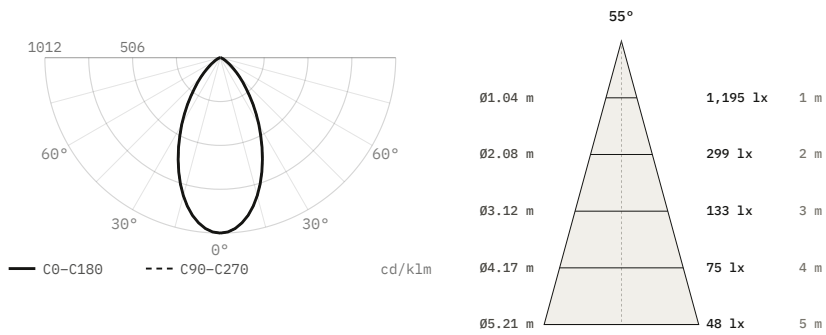
Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	5,998 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø70 × 84 mm
Data	Calculated from catalogue data

DL1830, 13 W, 36° beam



Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	2,701 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	Ø70 × 84 mm
Data	Calculated from catalogue data

DL1830, 13 W, 55° beam



Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	1,195 cd, 1,012 cd/klm
Beam angle (50%)	55°
Field angle (10%)	100.2°
Cut-off angle (2.5%)	63°
Flux 0-30° / 30-60° / 60-90°	58.2 / 38.8 / 3 %
Size	Ø70 × 84 mm
Data	Calculated from catalogue data