

Recessed

Robo DL1864

Recessed spotlight

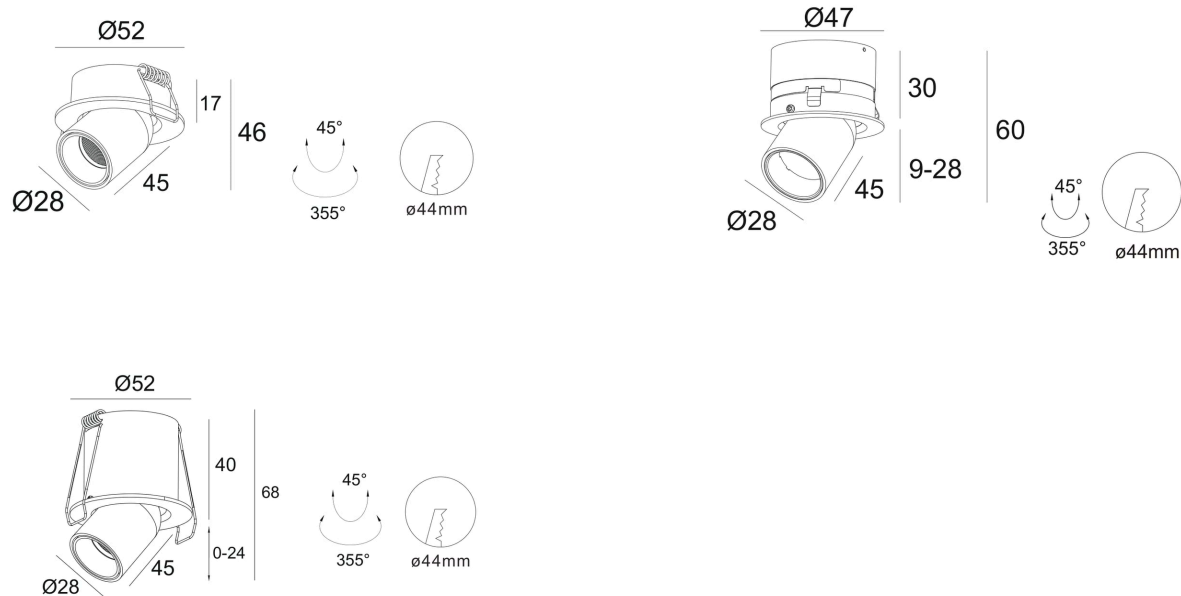


Recessed spotlight. 3 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø44 mm
- LED source: Citizen

Power 3 W	Voltage max 10 V, max 9 V	Luminous flux 280 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

Dimensions



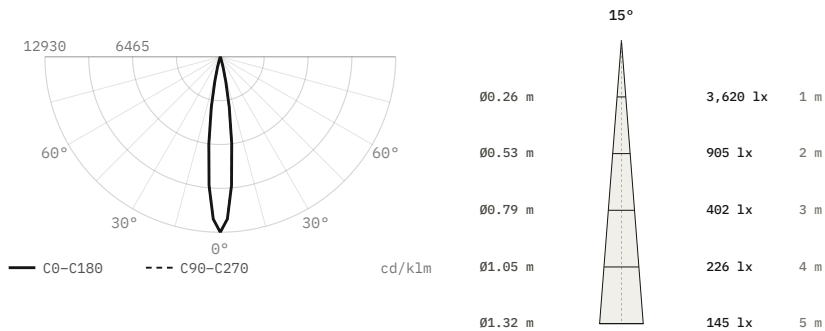
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1864	3 W	max 10 V	280 lm	97 CRI	Ø52 mm flange, Ø28 mm head, head length 45 mm; heights 17 / 46 mm	Ø44 mm	15° 24° 36° 50°	350 mA
DL1613	3 W	max 9 V	280 lm	97 CRI	Ø47 mm flange, Ø28 mm head, head length 45 mm; heights 30 / 9-28 / 60 mm	Ø44 mm	15° 24° 36° 50°	350 mA
DL1872	3 W	max 10 V	280 lm	97 CRI	Ø52 mm flange, Ø28 mm head, head length 45 mm; heights 40 / 0-24 / 68 mm	Ø44 mm	15° 24° 36° 50°	350 mA

Photometry

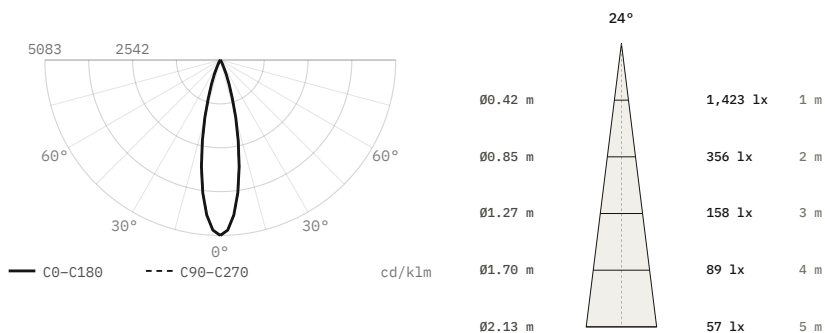
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1864, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1864, 3 W, 15° beam



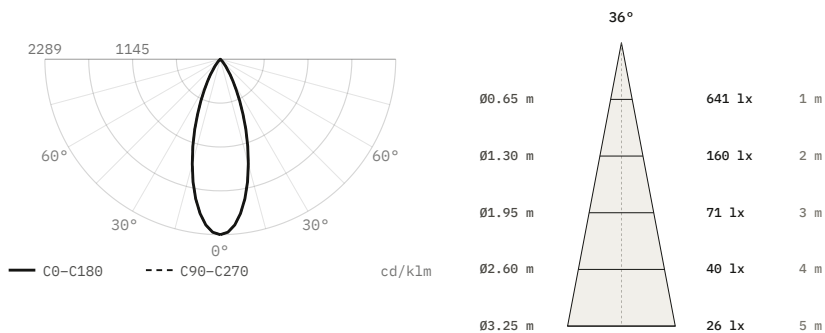
Luminous flux	280 lm
Efficacy	93 lm/W
Peak intensity	3,620 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø52 × 28 mm
Data	Calculated from catalogue data

DL1864, 3 W, 24° beam



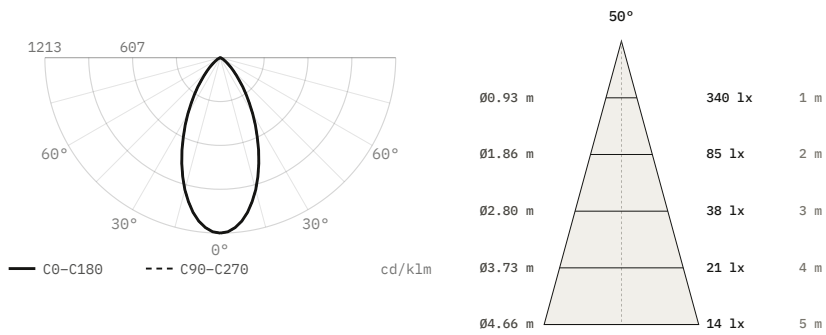
Luminous flux	280 lm
Efficacy	93 lm/W
Peak intensity	1,423 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø52 × 28 mm
Data	Calculated from catalogue data

DL1864, 3 W, 36° beam



Luminous flux	280 lm
Efficacy	93 lm/W
Peak intensity	641 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	Ø52 × 28 mm
Data	Calculated from catalogue data

DL1864, 3 W, 50° beam



Luminous flux	280 lm
Efficacy	93 lm/W
Peak intensity	340 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	Ø52 × 28 mm
Data	Calculated from catalogue data