

Recessed

Robo DL1809

Recessed spotlight

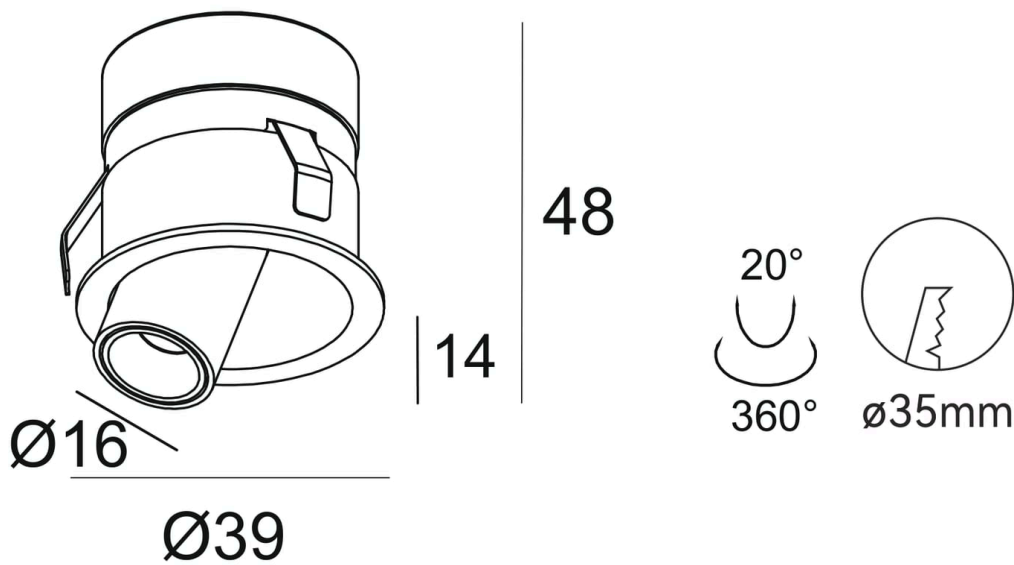


Recessed spotlight. 2 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø35 mm
- LED source: Citizen

Power 2 W	Voltage max 3 V	Luminous flux 140 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 60°
IP rating IP20	Certifications CE	Mounting Recessed
Finishes White		

Dimensions



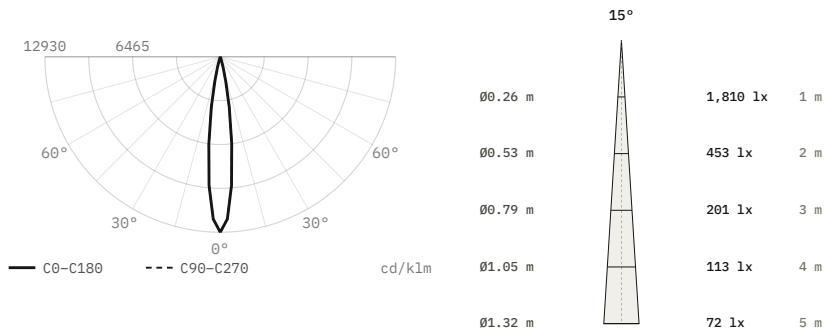
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1809	2 W	max 3 V	140 lm	97 CRI	Ø39 × 48 (visible flange height 14 mm)	Ø35 mm	15° 24° 36° 60°	700 mA

Photometry

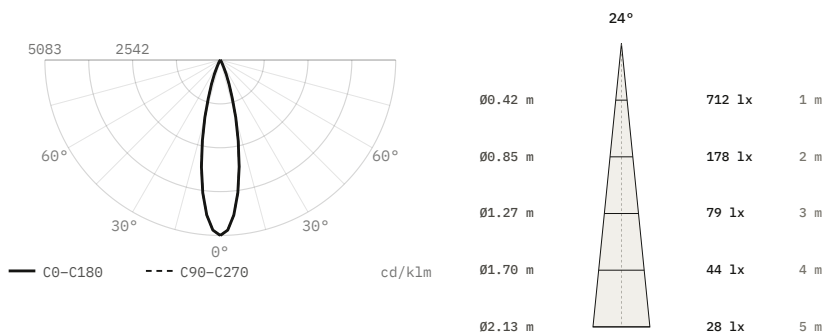
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1809, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1809, 2 W, 15° beam



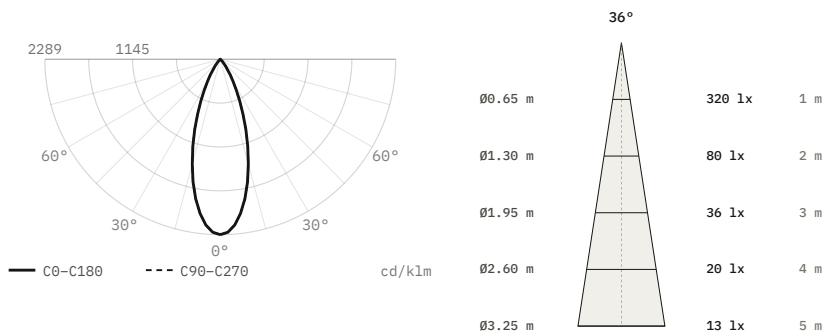
Luminous flux	140 lm
Efficacy	70 lm/W
Peak intensity	1,810 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø39 × 48 mm
Data	Calculated from catalogue data

DL1809, 2 W, 24° beam



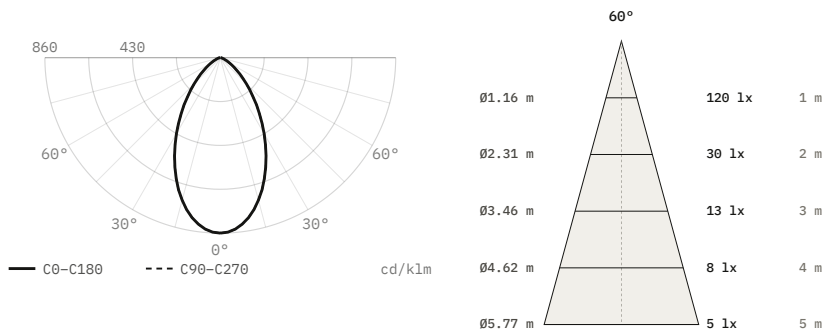
Luminous flux	140 lm
Efficacy	70 lm/W
Peak intensity	712 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø39 × 48 mm
Data	Calculated from catalogue data

DL1809, 2 W, 36° beam



Luminous flux	140 lm
Efficacy	70 lm/W
Peak intensity	320 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	Ø39 × 48 mm
Data	Calculated from catalogue data

DL1809, 2 W, 60° beam



Luminous flux	140 lm
Efficacy	70 lm/W
Peak intensity	120 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0-30° / 30-60° / 60-90°	52.4 / 42.6 / 5 %
Size	Ø39 × 48 mm
Data	Calculated from catalogue data

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Technical data may change without notice.