Downlights

Robo DL1059

Recessed spotlight



Recessed spotlight.

- Ceiling cut-out Ø2 mm
- LED source: Citizen

Voltage max 37 V	Luminous flux 2 × 1200 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

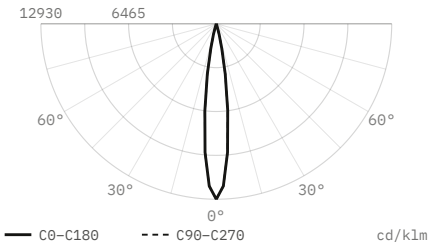
Models

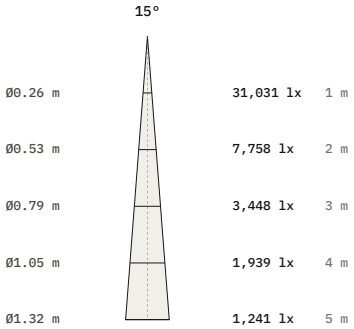
Code	Version	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1059	2 heads	max 37 V	2 × 1200 lm	97 CRI	168 × 90 x H85 mm; heads Ø50 mm	Ø2 mm	15° 24° 36° 50°	350 mA; Power per head

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1059, 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.

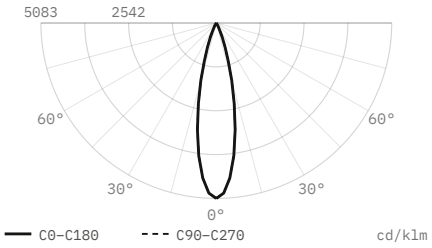
DL1059, 15° beam

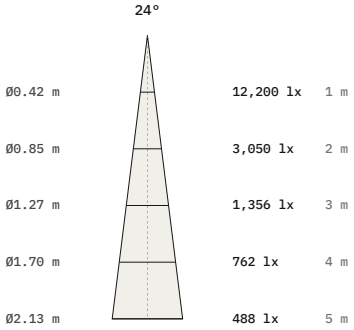




Luminous flux	2,400 lm
Peak intensity	31,031 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	168 × 90 × 85 mm
Data	Calculated from catalogue data

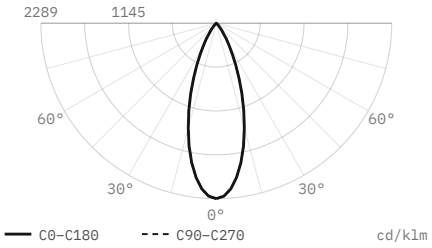
DL1059, 24° beam

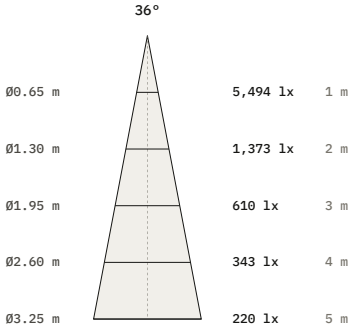




Luminous flux	2,400 lm
Peak intensity	12,200 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	168 × 90 × 85 mm
Data	Calculated from catalogue data

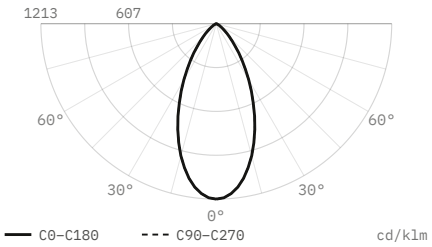
DL1059, 36° beam

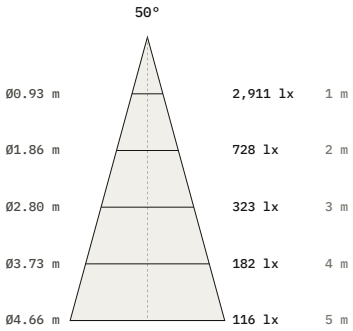




Luminous flux	2,400 lm
Peak intensity	5,494 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	168 × 90 × 85 mm
Data	Calculated from catalogue data

DL1059, 50° beam





Luminous flux	2,400 lm
Peak intensity	2,911 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	168 × 90 × 85 mm
Data	Calculated from catalogue data

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Technical data may change without notice.