Downlights

Moon DL1190

Recessed spotlight

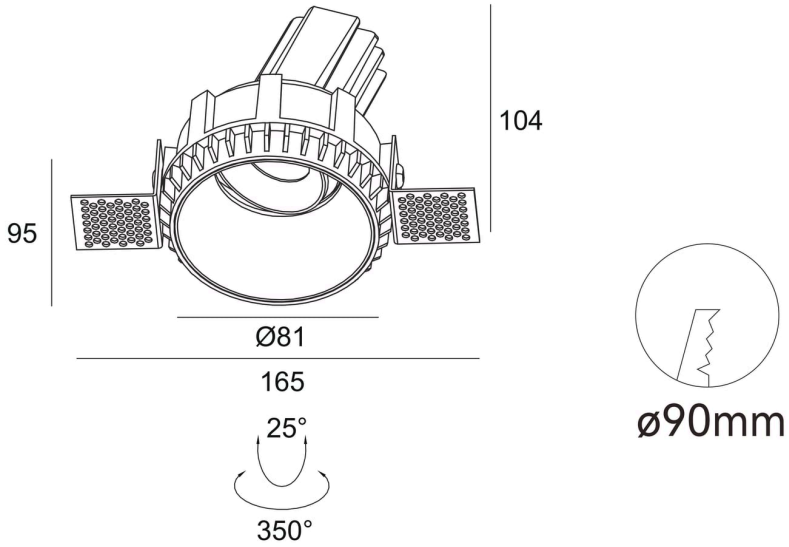


Recessed spotlight.

- Ceiling cut-out Ø90 mm
- LED source: Citizen

Voltage max 19 V	Luminous flux 630 / 960 lm	Colour temperature 2700 K, 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°	IP rating IP54
Certifications CE	Mounting Recessed	Finishes White

Dimensions



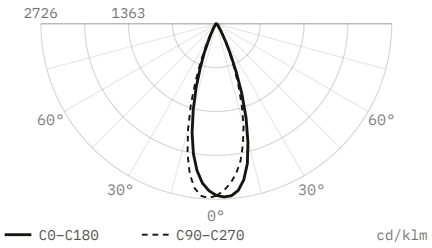
Models

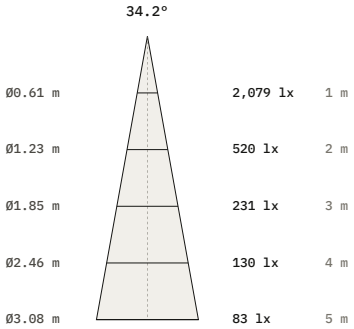
Code	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1190	max 19 V	630 / 960 lm	97 CRI	Ø81 × 104 mm; trimless flange 165 × 95 mm	Ø90 mm	15° 24° 36° 50°	350 / 500 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1190, from the same data as the IES and LDT files on the product page. Curves marked measured come from goniophotometer tests in the laboratory; the others are calculated from catalogue data, not measured.

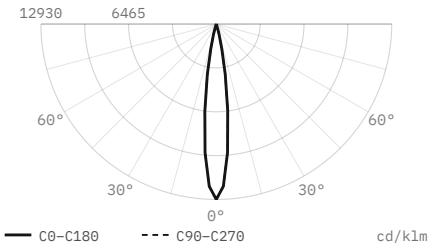
DL1190, 10 W, 2700 K, 36° beam, measured

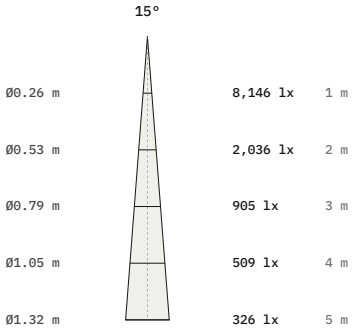




Luminous flux	780 lm
Efficacy	78 lm/W
Peak intensity	2,126 cd, 2,726 cd/klm
Beam angle (50%)	34.2°
Field angle (10%)	54.5°
Cut-off angle (2.5%)	37°
Flux 0–30° / 30–60° / 60–90°	90.4 / 8.3 / 1.3 %
Size	Ø81 × 104 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 26 February 2026

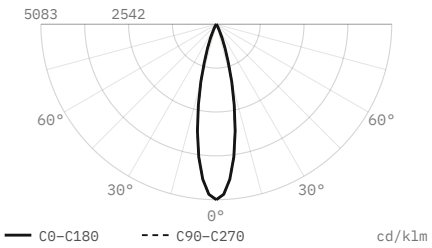
DL1190, 15° beam

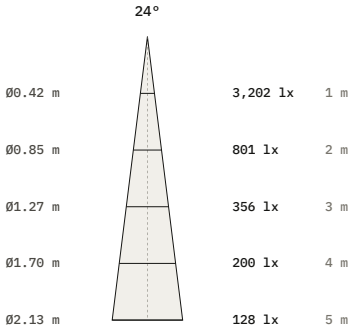




Luminous flux	630 lm
Peak intensity	8,146 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø81 × 104 mm
Data	Calculated from catalogue data

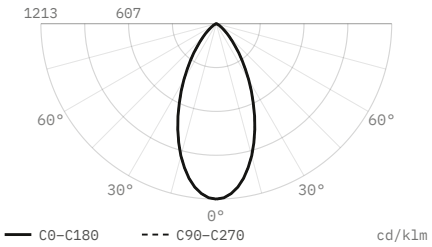
DL1190, 24° beam

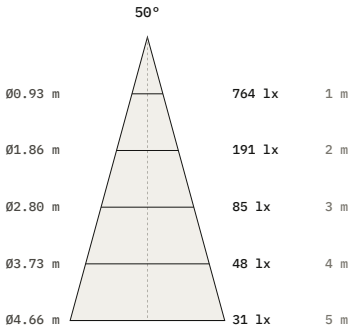




Luminous flux	630 lm
Peak intensity	3,202 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø81 × 104 mm
Data	Calculated from catalogue data

DL1190, 50° beam





Luminous flux	**630 lm**
Peak intensity	**764 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	**Ø81 × 104 mm**
Data	**Calculated from catalogue data**

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Technical data may change without notice.