

Recessed

Robo DL1555

Recessed spotlight



Recessed spotlight. 5 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø68 mm
- LED source: Citizen

Power 5 W	Voltage max 19 V	Luminous flux 450 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 25°, 38°, 60°
IP rating IP20	Certifications CE	Mounting Recessed
Finishes White		

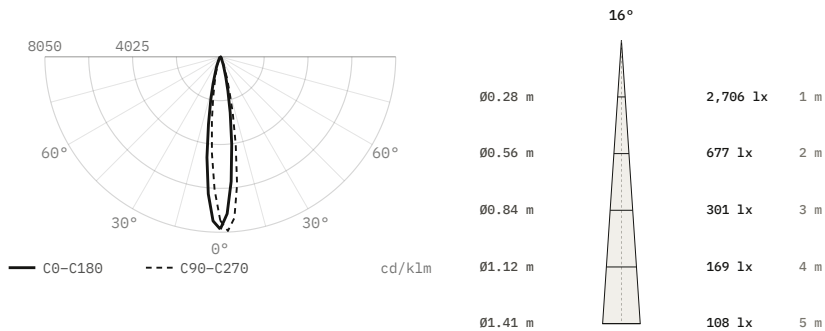
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1555	5 W	max 19 V	450 lm	97 CRI	Ø55 x H64 mm; plaster-in flange 112 mm	Ø68 mm	15° 25° 38° 60°	250 mA

Photometry

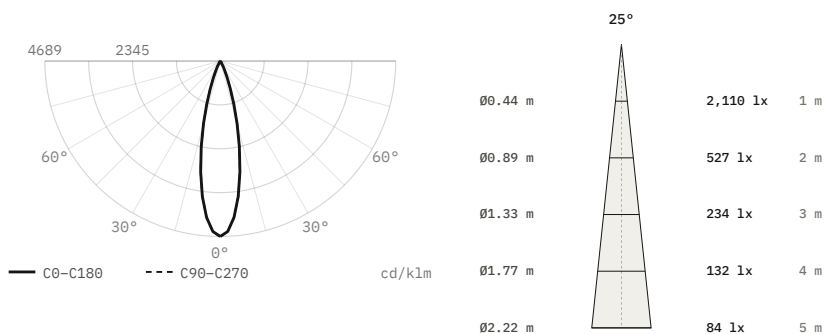
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1555, from the same data as the IES and LDT files on the product page. Curves marked measured come from goniophotometer tests in the laboratory; the others are calculated from catalogue data, not measured.

DL1555, 6.5 W, 2700 K, 15° beam, measured



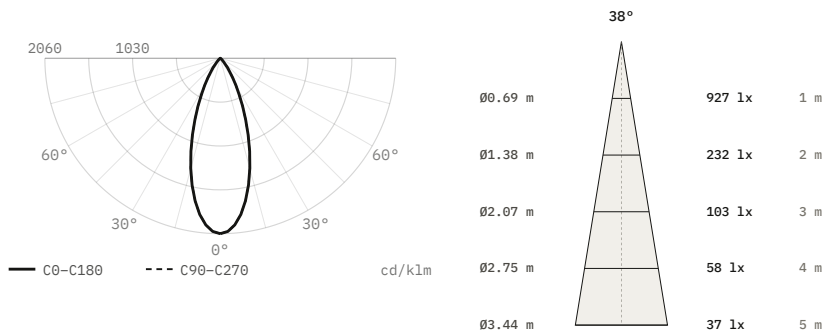
Luminous flux	342 lm
Efficacy	53 lm/W
Peak intensity	2,753 cd, 8,050 cd/klm
Beam angle (50%)	16°
Field angle (10%)	33.3°
Cut-off angle (2.5%)	27°
Flux 0–30° / 30–60° / 60–90°	92.4 / 7 / 0.6 %
Size	Ø55 × 64 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 18 November 2025

DL1555, 5 W, 25° beam



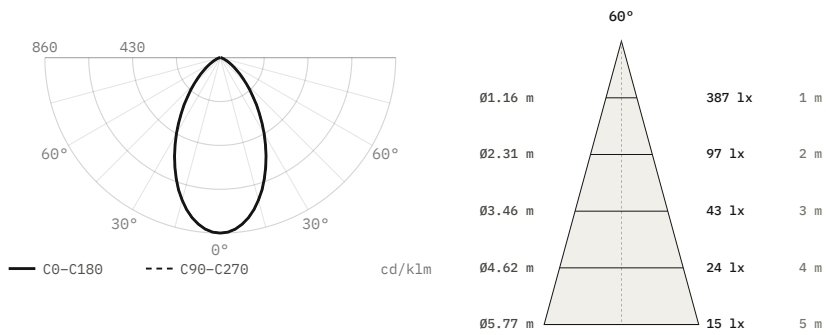
Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	2,110 cd, 4,689 cd/klm
Beam angle (50%)	25°
Field angle (10%)	45.6°
Cut-off angle (2.5%)	28.5°
Flux 0–30° / 30–60° / 60–90°	98.2 / 1.8 / 0 %
Size	Ø55 × 64 mm
Data	Calculated from catalogue data

DL1555, 5 W, 38° beam



Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	927 cd, 2,060 cd/klm
Beam angle (50%)	38°
Field angle (10%)	69.3°
Cut-off angle (2.5%)	43.5°
Flux 0–30° / 30–60° / 60–90°	83 / 16.9 / 0.1 %
Size	Ø55 × 64 mm
Data	Calculated from catalogue data

DL1555, 5 W, 60° beam



Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	387 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	Ø55 × 64 mm
Data	Calculated from catalogue data