Downlights

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

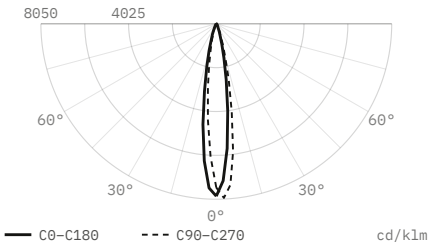
Models

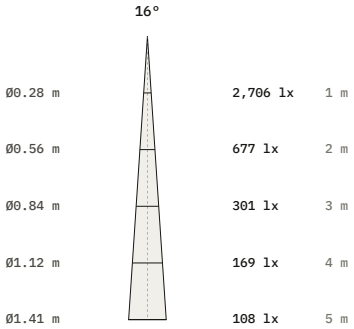
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1555	5 W	max 19 V	450 lm	97 CRI	Ø55 x H64 mm; plaster-in flange 112 mm	Ø68 mm	15° 25° 38° 60°	250 mA

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.

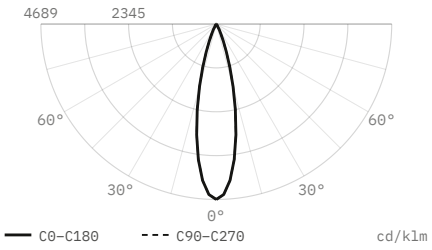
DL1555, 6.5 W, 2700 K, 15° beam, measured

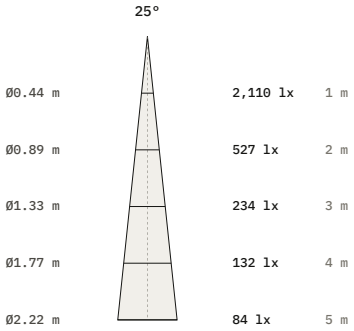




Luminous flux	342 lm
Efficacy	53 lm/W
Peak intensity	2,753 cd, 8,050 cd/klm
Beam angle (50%)	16°
Field angle (10%)	33.3°
Cut-off angle (2.5%)	27°
Flux 0–30° / 30–60° / 60–90°	92.4 / 7 / 0.6 %
Size	Ø55 × 64 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 18 November 2025

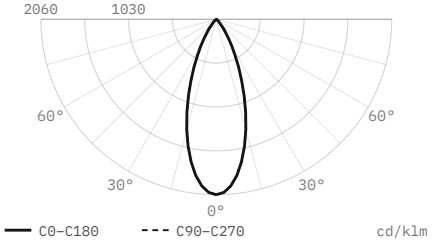
DL1555, 5 W, 25° beam

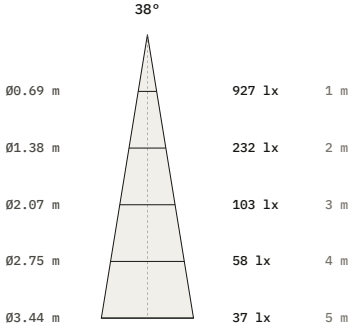




Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	2,110 cd, 4,689 cd/klm
Beam angle (50%)	25°
Field angle (10%)	45.6°
Cut-off angle (2.5%)	28.5°
Flux 0–30° / 30–60° / 60–90°	98.2 / 1.8 / 0 %
Size	Ø55 × 64 mm
Data	Calculated from catalogue data

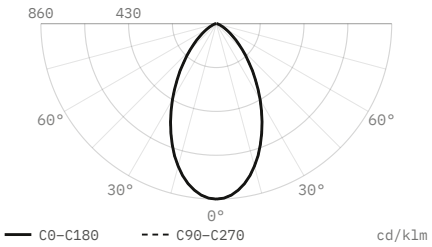
DL1555, 5 W, 38° beam

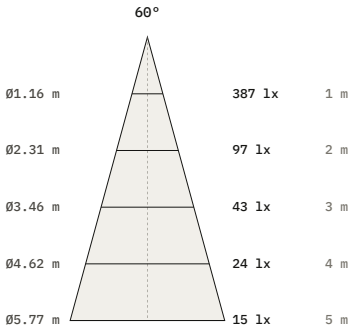




Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	927 cd, 2,060 cd/klm
Beam angle (50%)	38°
Field angle (10%)	69.3°
Cut-off angle (2.5%)	43.5°
Flux 0–30° / 30–60° / 60–90°	83 / 16.9 / 0.1 %
Size	Ø55 × 64 mm
Data	Calculated from catalogue data

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

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Technical data may change without notice.