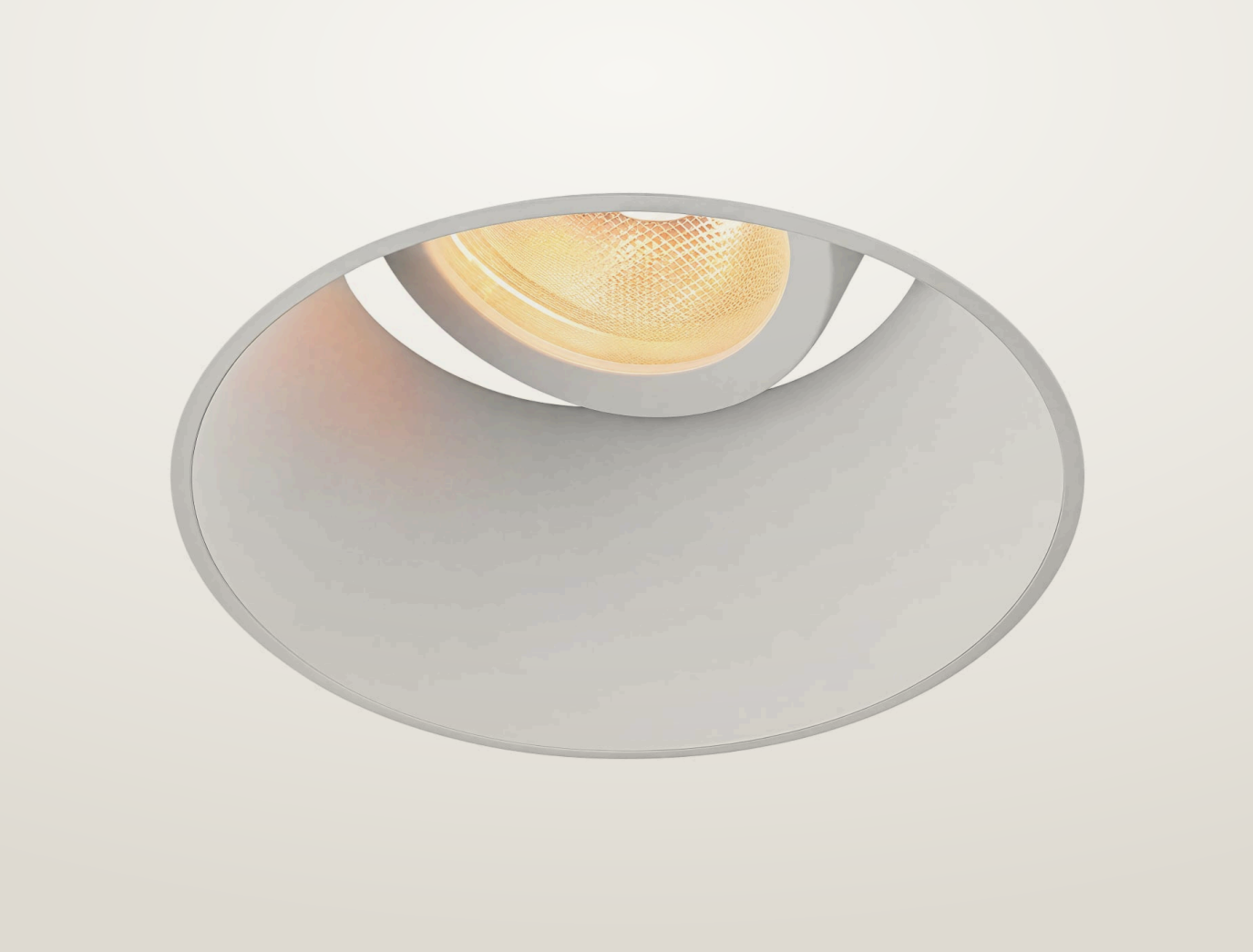
Downlights

Moon DL1609

Recessed spotlight



Recessed spotlight. 5 or 7 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø68 / Ø76 mm
- LED source: Citizen

Power **5 W, 7 W**	Voltage **max 19 V**	Luminous flux **630 lm, 450 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°, 55°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **White**		

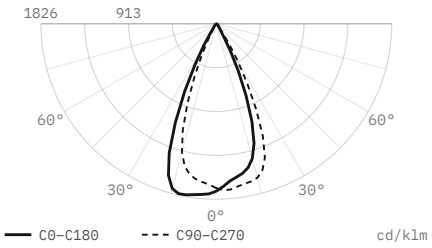
Models

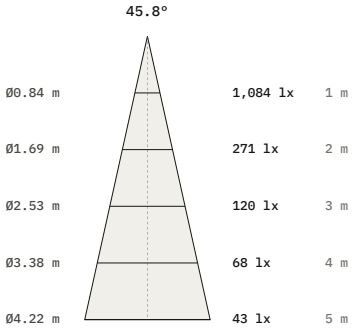
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1609	7 W	max 19 V	630 lm	97 CRI	Ø68 x H85 mm; flange plate 125 × 75 mm (as dimensioned)	Ø76 mm	15° 24° 36° 55°	350 mA
DL1587	5 W	max 19 V	450 lm	97 CRI	Ø55 x H80 mm; flange plate 113 × 64 mm (as dimensioned)	Ø68 mm	15° 24° 36° 55°	250 mA
DL1588	7 W	max 19 V	630 lm	97 CRI	Ø55 x H100 mm; flange plate 113 × 64 mm (as dimensioned)	Ø68 mm	15° 24° 36° 55°	350 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1609, 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.

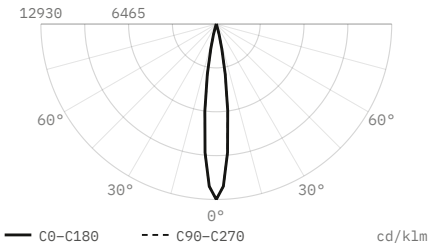
DL1609, 7 W, 2700 K, 36° beam, measured

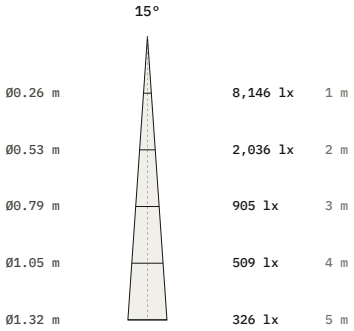




Luminous flux	622 lm
Efficacy	89 lm/W
Peak intensity	1,136 cd, 1,826 cd/klm
Beam angle (50%)	45.8°
Field angle (10%)	61°
Cut-off angle (2.5%)	40°
Flux 0–30° / 30–60° / 60–90°	90.6 / 8.2 / 1.2 %
Size	Ø68 × 85 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 26 February 2026

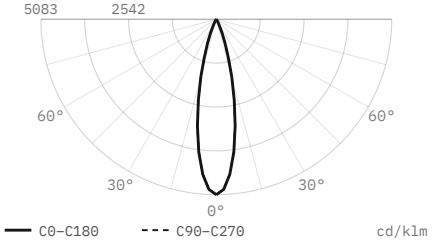
DL1609, 7 W, 15° beam

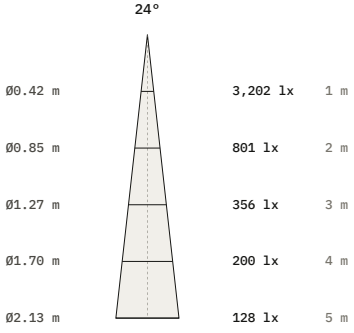




Luminous flux	630 lm
Efficacy	90 lm/W
Peak intensity	8,146 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø68 × 85 mm
Data	Calculated from catalogue data

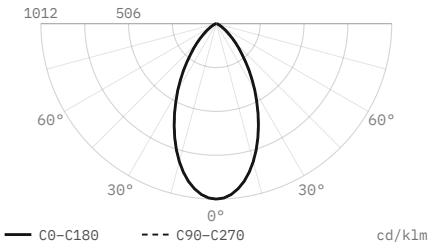
DL1609, 7 W, 24° beam

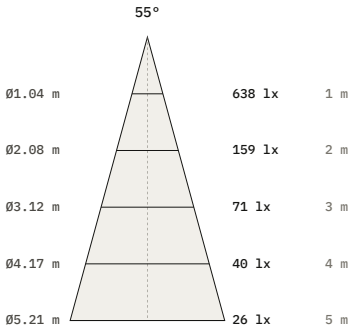




Luminous flux	630 lm
Efficacy	90 lm/W
Peak intensity	3,202 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø68 × 85 mm
Data	Calculated from catalogue data

DL1609, 7 W, 55° beam





Luminous flux	630 lm
Efficacy	90 lm/W
Peak intensity	638 cd, 1,012 cd/klm
Beam angle (50%)	55°
Field angle (10%)	100.2°
Cut-off angle (2.5%)	63°
Flux 0–30° / 30–60° / 60–90°	58.2 / 38.8 / 3 %
Size	Ø68 × 85 mm
Data	Calculated from catalogue data

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Technical data may change without notice.