Downlights

Dot DL1445

Recessed spotlight

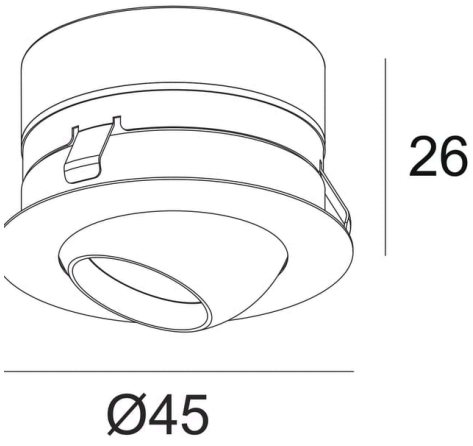


Recessed spotlight.

- Ceiling cut-out Ø40 mm
- LED source: Citizen

Voltage	Luminous flux	Colour temperature
max 10 V, 24 V DC	280 lm	2700 K, 3000 K, 4000 K
CRI	**Beam angles**	**IP rating**
97 CRI	15°, 24°, 36°, 50°	IP20
Certifications	**Mounting**	**Finishes**
CE	Recessed	Black

Dimensions





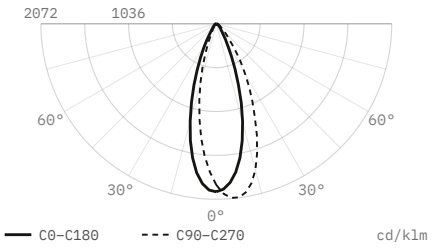
Models

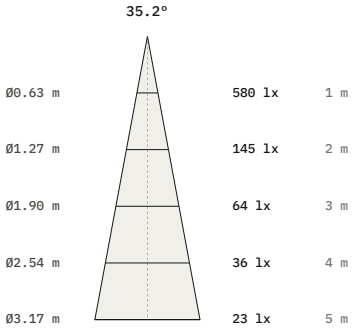
Code	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1445	max 10 V, 24 V DC	280 lm	97 CRI	Ø45 × 26 mm	Ø40 mm	15° 24° 36° 50°	350 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1445, 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.

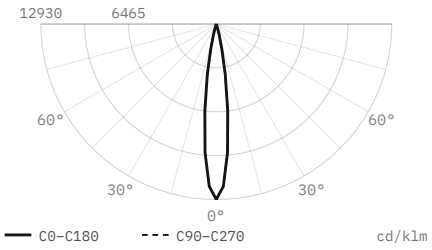
DL1445, 3 W, 3000 K, 24° beam, measured

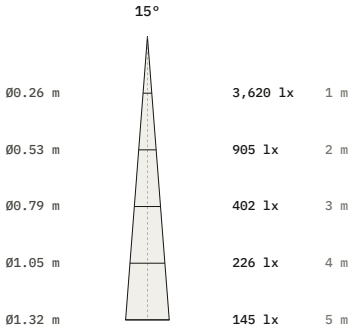




Luminous flux	292 lm
Efficacy	97 lm/W
Peak intensity	605 cd, 2,072 cd/klm
Beam angle (50%)	35.2°
Field angle (10%)	63.3°
Cut-off angle (2.5%)	58°
Flux 0–30° / 30–60° / 60–90°	75.5 / 20.3 / 4.3 %
Size	Ø45 × 26 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 31 January 2026

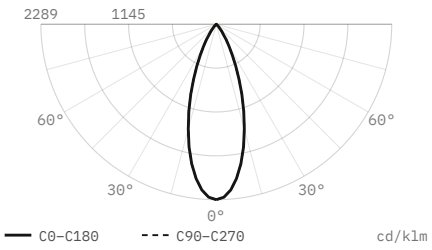
DL1445, 15° beam

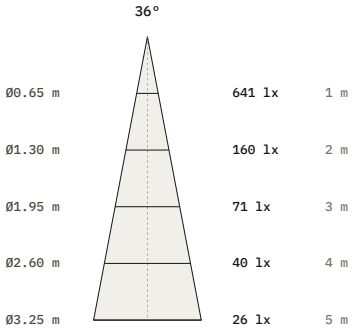




Luminous flux	280 lm
Peak intensity	3,620 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø45 × 26 mm
Data	Calculated from catalogue data

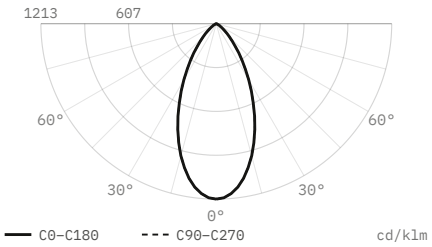
DL1445, 36° beam

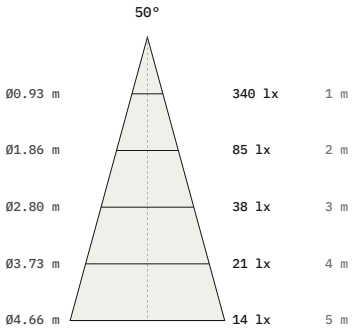




Luminous flux	280 lm
Peak intensity	641 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø45 × 26 mm
Data	Calculated from catalogue data

DL1445, 50° beam





Luminous flux	280 lm
Peak intensity	340 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	Ø45 × 26 mm
Data	Calculated from catalogue data

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Technical data may change without notice.