

Recessed

Dot DL1148

Recessed spotlight

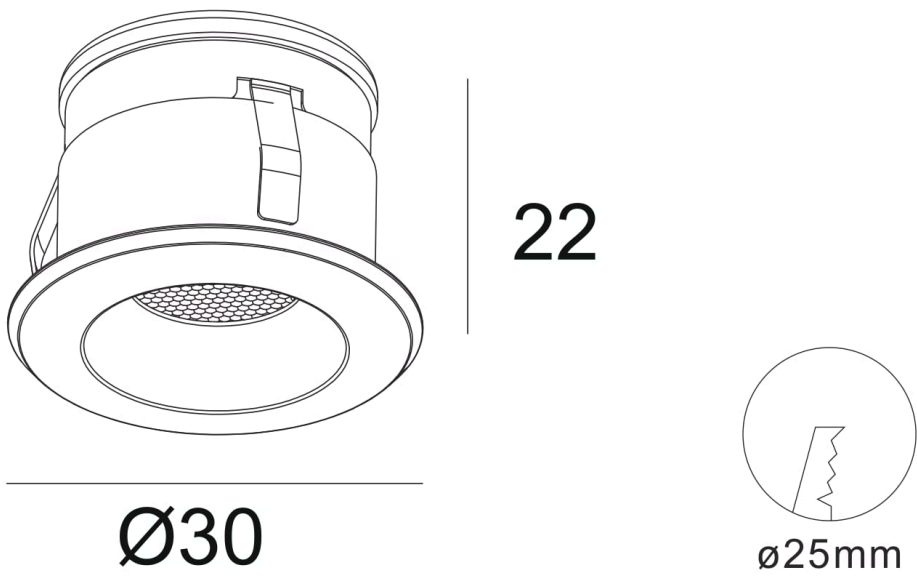


Recessed spotlight.

- Ceiling cut-out Ø25 mm
- LED source: Citizen

Voltage 24 V DC, max 3 V	Luminous flux 90 / 160 lm	Colour temperature 2700 K, 3000 K, 4000 K
CRI 97 CRI	Beam angles 20°, 40°, 120°	IP rating IP44
Certifications CE	Mounting Recessed	Finishes White, Black

Dimensions



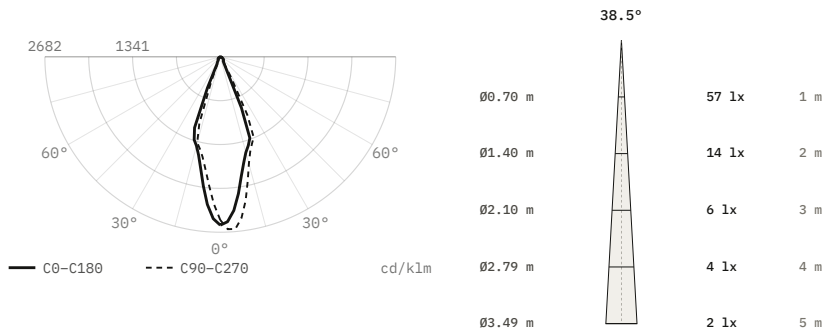
Models

Code	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1148	24 V DC, max 3 V	90 / 160 lm	97 CRI	Ø30 × 22 mm	Ø25 mm	20° 40° 120°	350 / 700 mA

Photometry

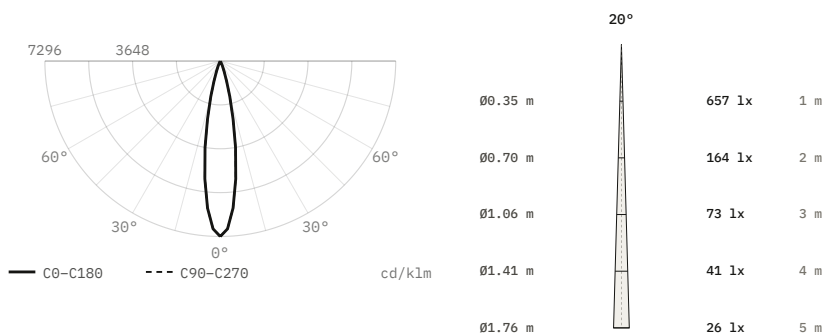
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1148, from the same data as the IES and LDT files on the product page. Curves marked measured come from goniophotometer tests in the laboratory; the others are calculated from catalogue data, not measured.

DL1148, 1 W, 3000 K, 38.5° beam, measured



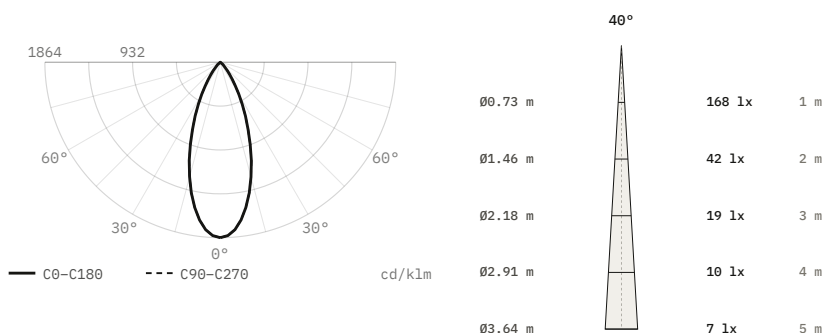
Luminous flux	22 lm
Efficacy	22 lm/W
Peak intensity	59 cd, 2,682 cd/klm
Beam angle (50%)	38.5°
Field angle (10%)	48.7°
Cut-off angle (2.5%)	51°
Flux 0–30° / 30–60° / 60–90°	82.9 / 13.3 / 3.7 %
Size	Ø30 × 22 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 31 January 2026

DL1148, 20° beam



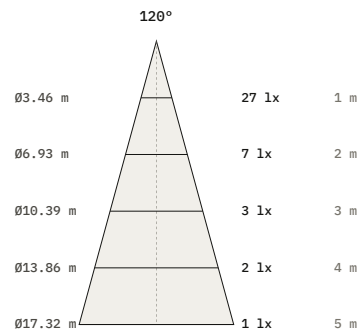
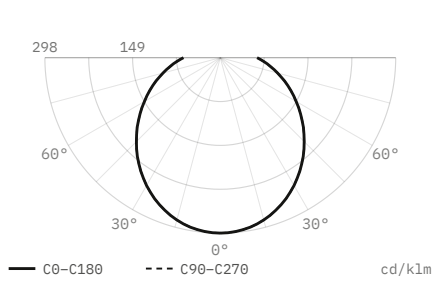
Luminous flux	90 lm
Peak intensity	657 cd, 7,296 cd/klm
Beam angle (50%)	20°
Field angle (10%)	36.5°
Cut-off angle (2.5%)	23°
Flux 0–30° / 30–60° / 60–90°	99.8 / 0.2 / 0 %
Size	Ø30 × 22 mm
Data	Calculated from catalogue data

DL1148, 40° beam



Luminous flux	90 lm
Peak intensity	168 cd, 1,864 cd/klm
Beam angle (50%)	40°
Field angle (10%)	72.9°
Cut-off angle (2.5%)	46°
Flux 0–30° / 30–60° / 60–90°	79.9 / 19.9 / 0.2 %
Size	Ø30 × 22 mm
Data	Calculated from catalogue data

DL1148, 120° beam



Luminous flux	90 lm
Peak intensity	27 cd, 298 cd/klm
Beam angle (50%)	120°
Cut-off angle (2.5%)	90°
Flux 0–30° / 30–60° / 60–90°	23 / 45.1 / 31.8 %
Size	Ø30 × 22 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.