

Recessed

D3-1012R

Recessed spotlight

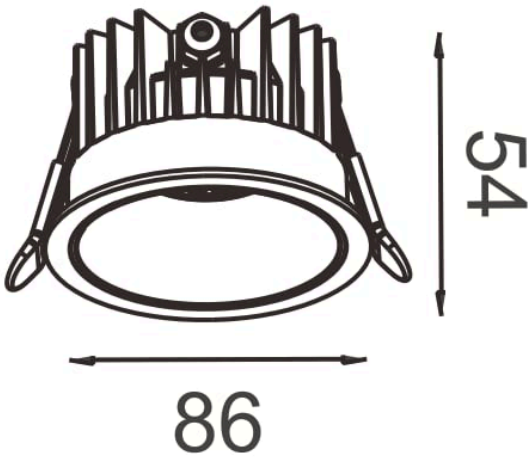


Recessed spotlight. 15 W. Four beam angles, 15° to 55°. 3000, 4000 K. IP65. 97 CRI.

- Ceiling cut-out Ø75 mm
- LED source: Citizen

Power 15 W	Luminous flux 1400–1500 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 38°, 55°	IP rating IP65
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



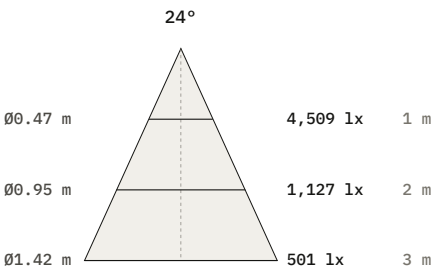
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
D3-1012R	15 W	1400–1500 lm	97 CRI	Ø86 × 54 mm	Ø75 mm	15° 24° 38° 55°

Photometric data

Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

15 W

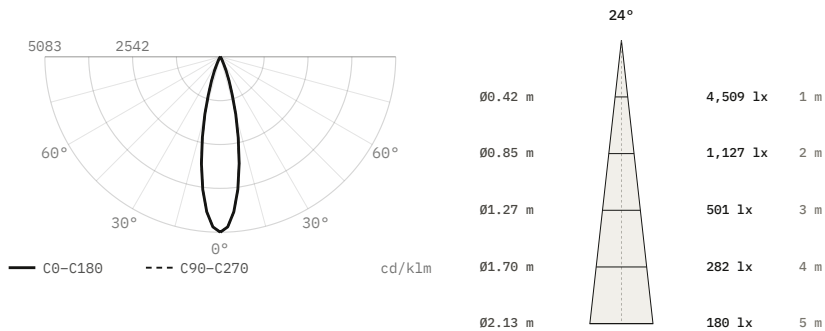


Beam	1 m	2 m	3 m
24°	4,509 lx Ø470 mm	1,127 lx Ø950 mm	501 lx Ø1420 mm

Photometry

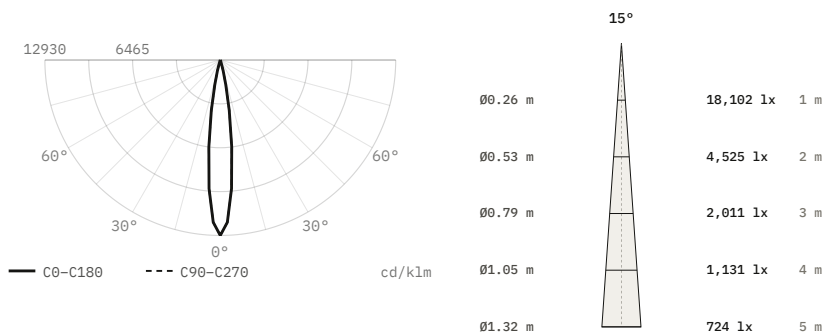
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-1012R, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-1012R, 15 W, 24° beam



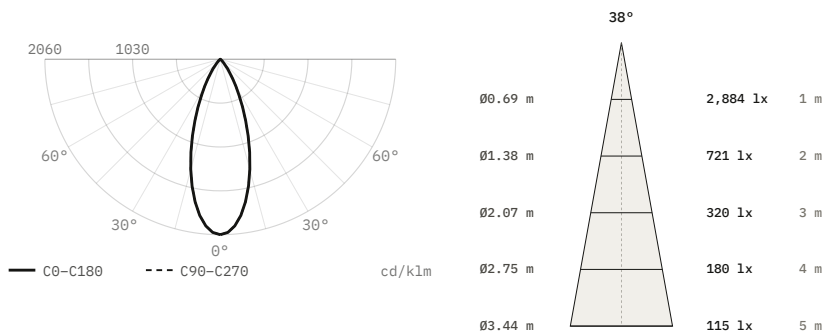
Luminous flux	887 lm
Efficacy	59 lm/W
Peak intensity	4,509 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø86 × 54 mm
Data	Calculated from catalogue data

D3-1012R, 15 W, 15° beam



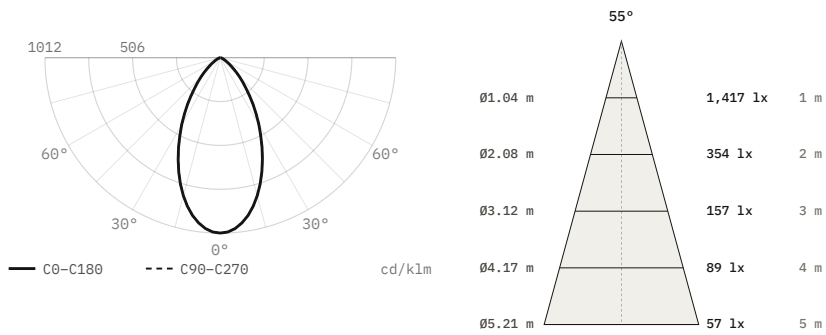
Luminous flux	1,400 lm
Efficacy	93 lm/W
Peak intensity	18,102 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø86 × 54 mm
Data	Calculated from catalogue data

D3-1012R, 15 W, 38° beam



Luminous flux	1,400 lm
Efficacy	93 lm/W
Peak intensity	2,884 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	Ø86 × 54 mm
Data	Calculated from catalogue data

D3-1012R, 15 W, 55° beam



Luminous flux	1,400 lm
Efficacy	93 lm/W
Peak intensity	1,417 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	Ø86 × 54 mm
Data	Calculated from catalogue data