

Recessed

D3-4222B

Recessed spotlight

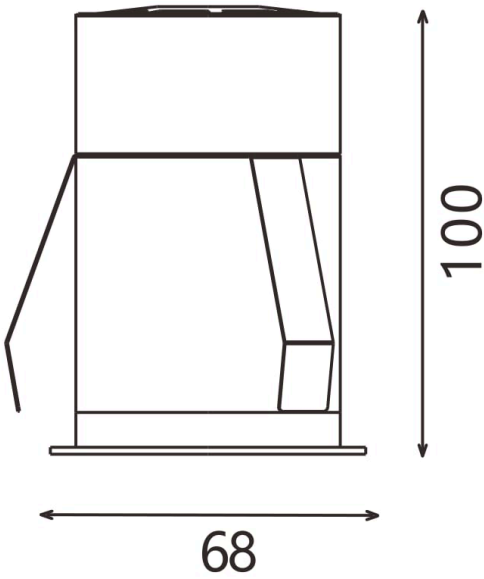


Recessed spotlight. 12 W. Three beam angles, 15° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø60 mm
- LED source: Citizen

Power 12 W	Luminous flux 900–1000 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°	IP rating IP20
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
D3-4222B	12 W	900–1000 lm	97 CRI	68 × 100 mm	Ø60 mm	15° 24° 36°

Finishes



Black



White

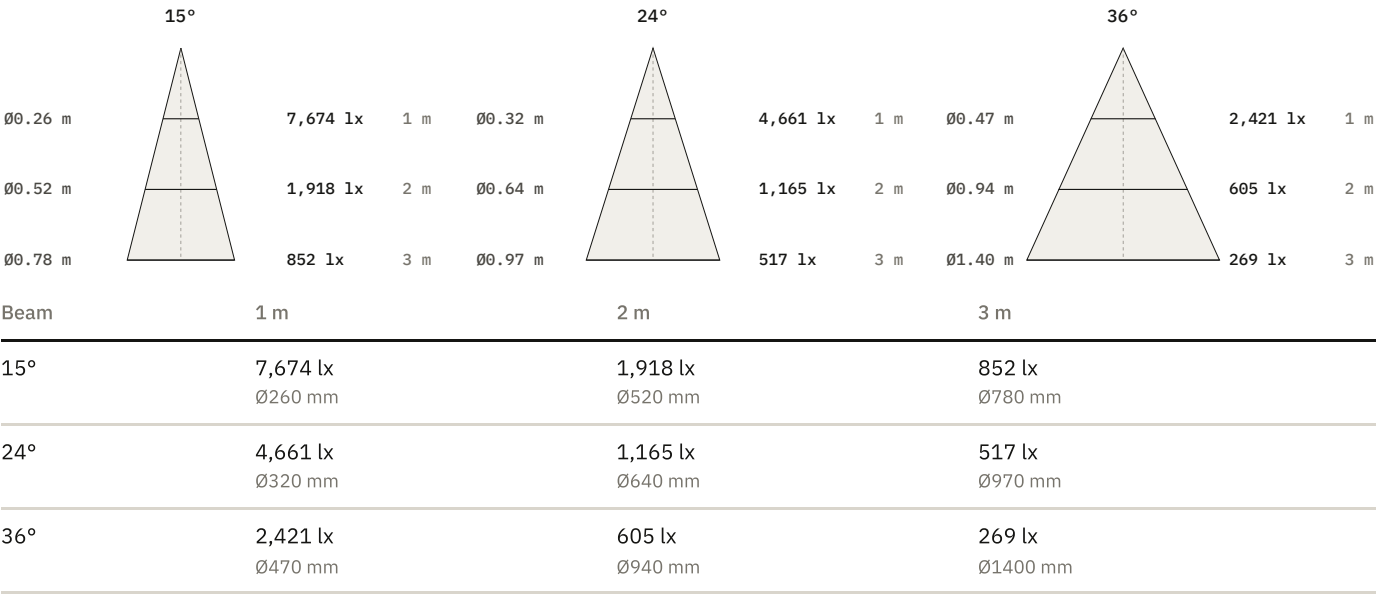


Grey

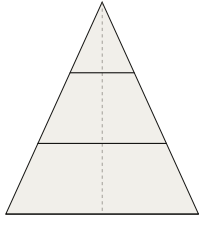
Photometric data

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.

12 W



36°



Ø0.47 m

Ø0.94 m

Ø1.40 m

2,421 lx

605 lx

269 lx

1 m

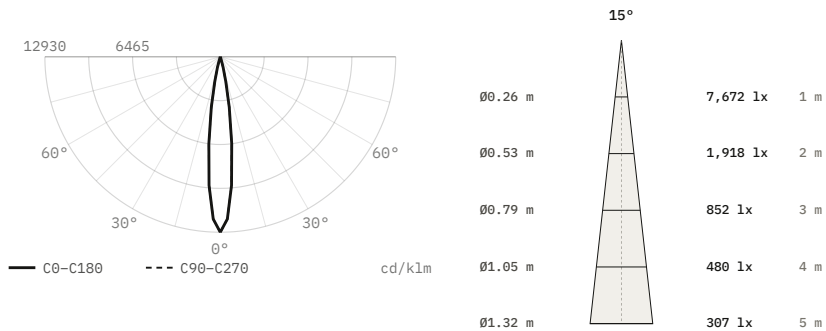
2 m

3 m

Photometry

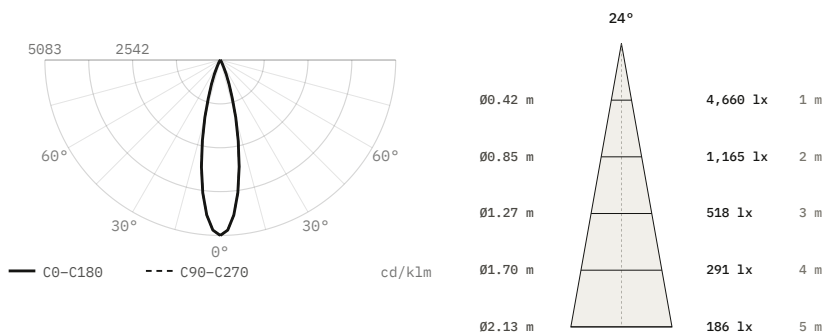
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4222B, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4222B, 12 W, 15° beam



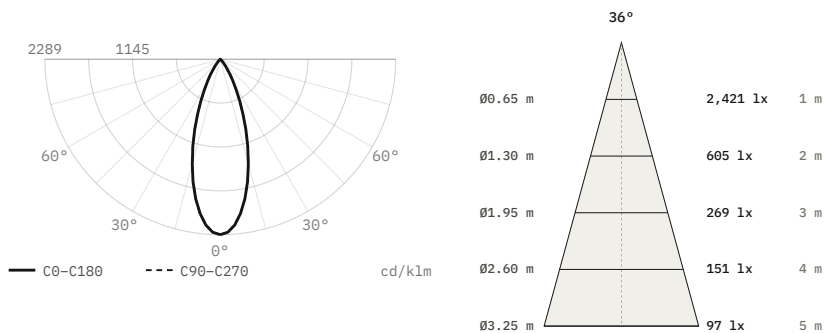
Luminous flux	593 lm
Efficacy	49 lm/W
Peak intensity	7,672 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	100 × 68 mm
Data	Calculated from catalogue data

D3-4222B, 12 W, 24° beam



Luminous flux	917 lm
Efficacy	76 lm/W
Peak intensity	4,660 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	100 × 68 mm
Data	Calculated from catalogue data

D3-4222B, 12 W, 36° beam



Luminous flux	1,058 lm
Efficacy	88 lm/W
Peak intensity	2,421 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	100 × 68 mm
Data	Calculated from catalogue data

