

Recessed

D3-4220

Recessed spotlight

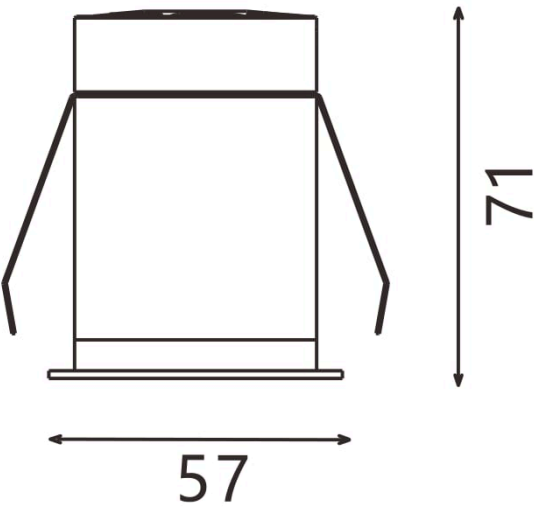


Recessed spotlight. 7 W. Three beam angles, 15° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø50 mm
- LED source: Citizen

Power 7 W	Luminous flux 500–600 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
D3-4220	7 W	500–600 lm	97 CRI	57 × 71 mm	Ø50 mm	15° 24° 36°

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.

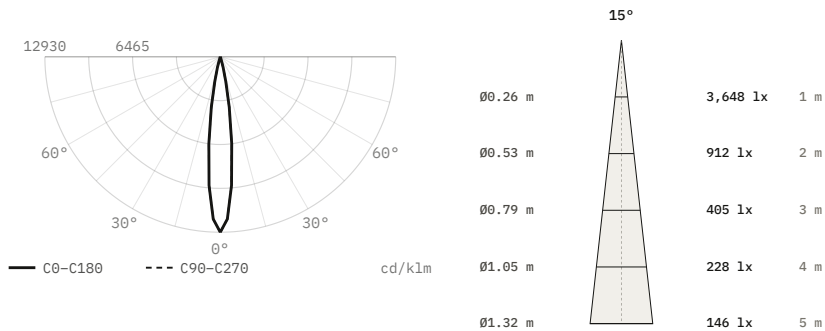
7 W

15°			24°			36°		
Ø0.34 m	3,650 lx	1 m	Ø0.45 m	2,657 lx	1 m	Ø0.64 m	1,678 lx	1 m
Ø0.68 m	912 lx	2 m	Ø0.90 m	664 lx	2 m	Ø1.27 m	419 lx	2 m
Ø1.01 m	405 lx	3 m	Ø1.35 m	295 lx	3 m	Ø1.91 m	186 lx	3 m
Beam 1 m			2 m			3 m		
15°			24°			36°		
3,650 lx Ø340 mm			912 lx Ø680 mm			405 lx Ø1010 mm		
24°			24°			24°		
2,657 lx Ø450 mm			664 lx Ø900 mm			295 lx Ø1350 mm		
36°			36°			36°		
1,678 lx Ø640 mm			419 lx Ø1270 mm			186 lx Ø1910 mm		

Photometry

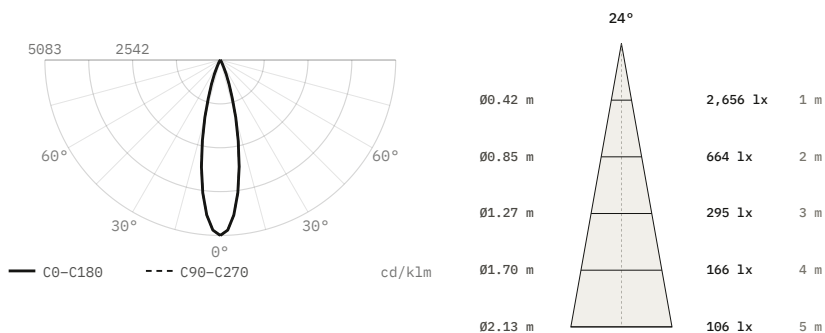
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4220, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4220, 7 W, 15° beam



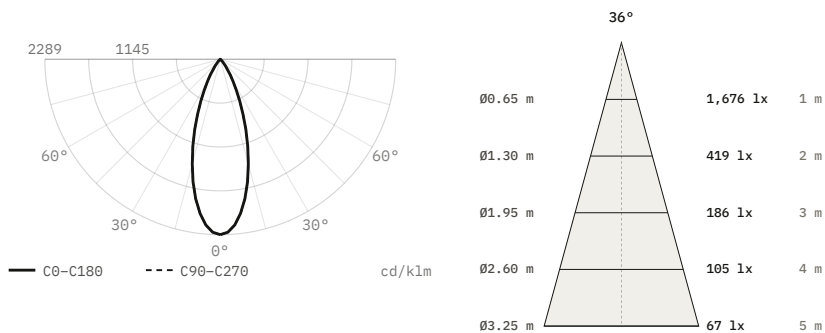
Luminous flux	282 lm
Efficacy	40 lm/W
Peak intensity	3,648 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	71 × 57 mm
Data	Calculated from catalogue data

D3-4220, 7 W, 24° beam



Luminous flux	523 lm
Efficacy	75 lm/W
Peak intensity	2,656 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	71 × 57 mm
Data	Calculated from catalogue data

D3-4220, 7 W, 36° beam



Luminous flux	732 lm
Efficacy	105 lm/W
Peak intensity	1,676 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	71 × 57 mm
Data	Calculated from catalogue data

