

Recessed

D3-3018

Recessed spotlight



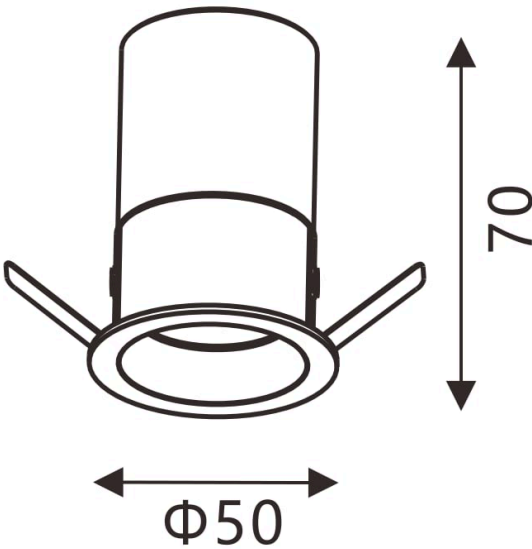
Recessed spotlight. 7 W. Four beam angles, 15° to 60°.
3000, 4000 K. 97 CRI.

Ceiling cut-out Ø45 mm

LED source: Citizen

Power 7 W	Voltage 220–240 V AC	Luminous flux 600–700 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 60°
IP rating IP20	Certifications CE, RoHS, EMC, LVD	Mounting Recessed
Control On/Off, Triac, DALI, 0-10V, Casambi	Finishes White, Black, Grey	

Dimensions



Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-3018	7 W	220–240 V AC	600–700 lm	97 CRI	Ø50 × 70 mm	Ø45 mm	15° 24° 36° 60°

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.

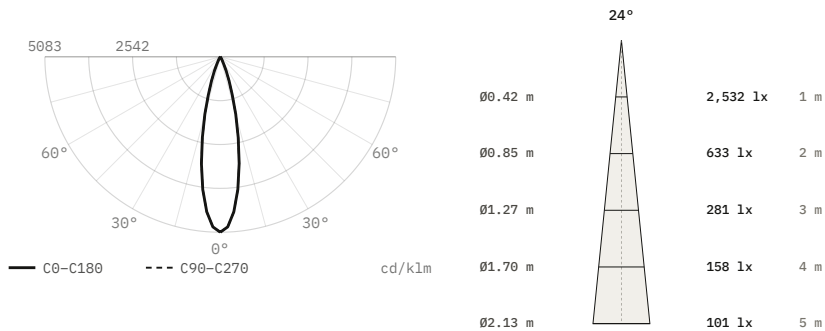
7 W

24°			36°		
Ø0.41 m	2,532 lx	1 m	Ø0.66 m	1,405 lx	1 m
Ø0.82 m	633 lx	2 m	Ø1.31 m	351 lx	2 m
Ø1.23 m	281 lx	3 m	Ø1.97 m	156 lx	3 m
Beam	1 m		2 m		3 m
24°	2,532 lx Ø410 mm		633 lx Ø820 mm		281 lx Ø1230 mm
36°	1,405 lx Ø660 mm		351 lx Ø1310 mm		156 lx Ø1970 mm

Photometry

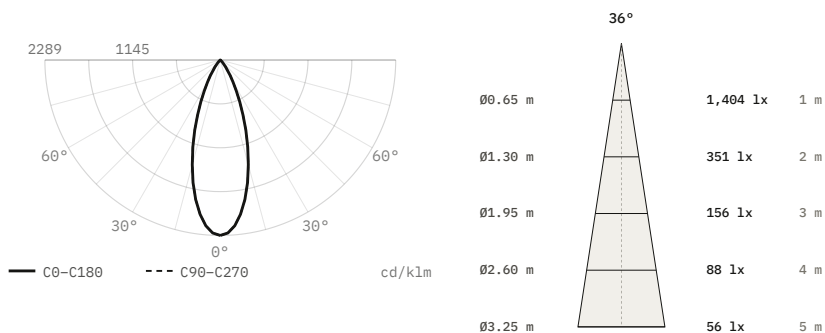
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-3018, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-3018, 7 W, 24° beam



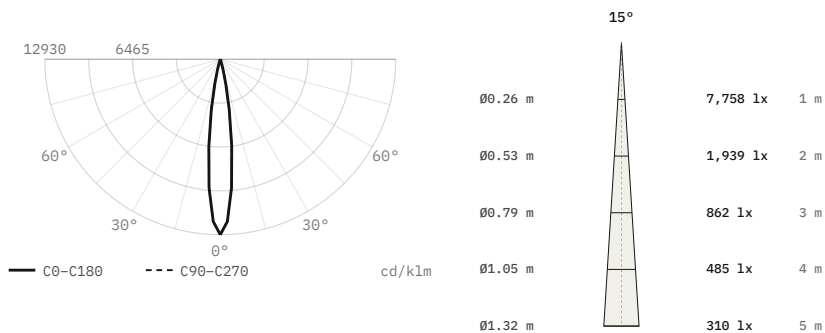
Luminous flux	498 lm
Efficacy	71 lm/W
Peak intensity	2,532 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø50 × 70 mm
Data	Calculated from catalogue data

D3-3018, 7 W, 36° beam



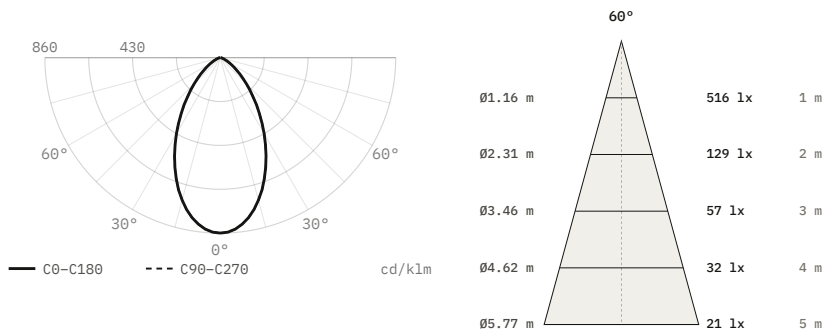
Luminous flux	613 lm
Efficacy	88 lm/W
Peak intensity	1,404 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø50 × 70 mm
Data	Calculated from catalogue data

D3-3018, 7 W, 15° beam



Luminous flux	600 lm
Efficacy	86 lm/W
Peak intensity	7,758 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	Ø50 × 70 mm
Data	Calculated from catalogue data

D3-3018, 7 W, 60° beam



Luminous flux	600 lm
Efficacy	86 lm/W
Peak intensity	516 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø50 × 70 mm
Data	Calculated from catalogue data

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Technical data may change without notice.