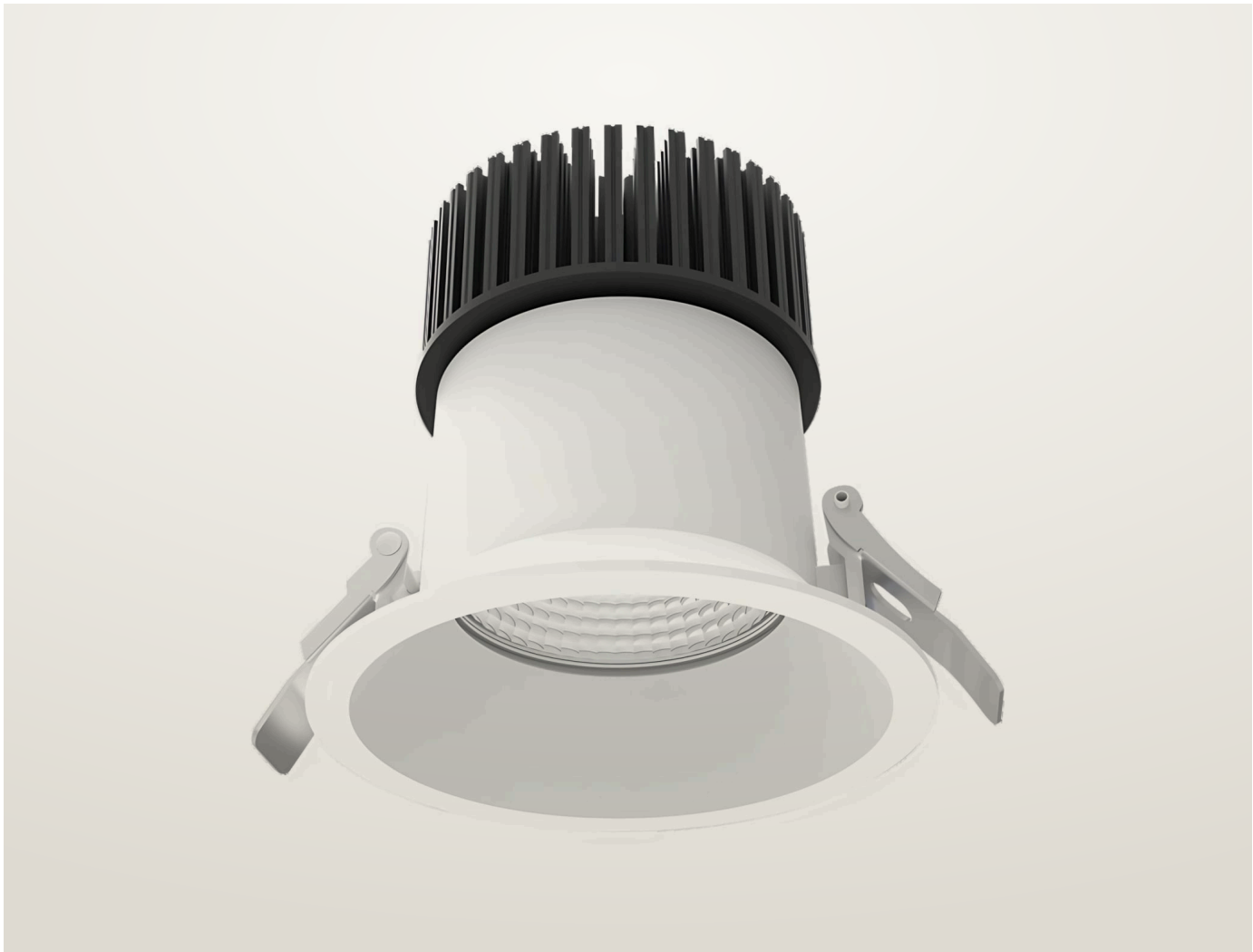


Recessed

D3-3022

Recessed spotlight

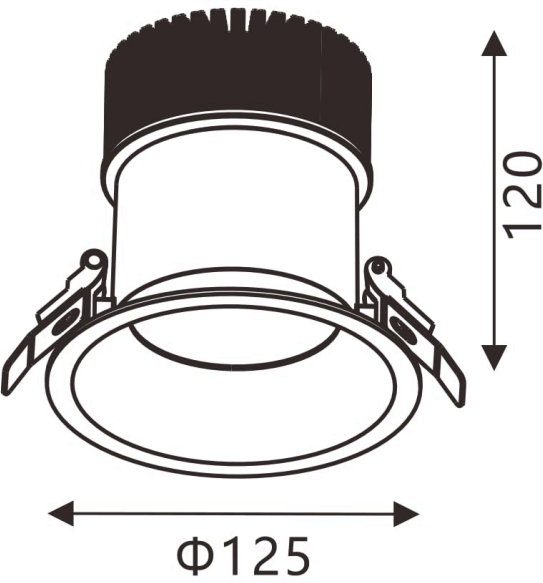


Recessed spotlight. 20 or 24 W. Three beam angles, 15° to 45°. 3000, 4000 K. IP65. 97 CRI.

- Ceiling cut-out Ø115 mm
- LED source: Citizen

Power 20 W, 24 W	Voltage 220–240 V AC	Luminous flux 2200–2300 lm, 2600–2700 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 30°, 45°
IP rating IP65	Certifications CE, RoHS, EMC, LVD	Mounting Recessed
Control On/Off, Triac, DALI, 0-10V, Casambi	Finishes White, Black, Grey	

Dimensions



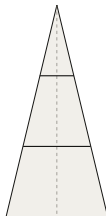
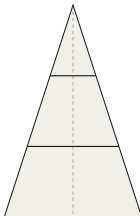
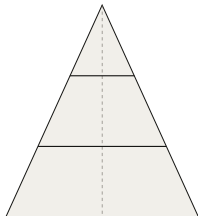
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-3022	20 W	220–240 V AC	2200–2300 lm	97 CRI	Ø125 × 120 mm	Ø115 mm	15° 30° 45°
D3-3022	24 W	220–240 V AC	2600–2700 lm	97 CRI	Ø125 × 120 mm	Ø115 mm	15° 30° 45°

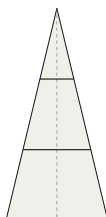
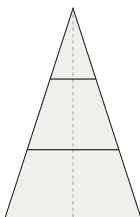
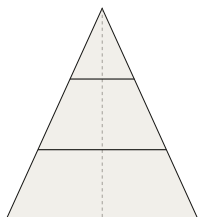
Photometric data

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.

20 W

18°			30°			45°					
Ø0.44 m		7,808 lx	1 m	Ø0.59 m		5,485 lx	1 m	Ø0.83 m		3,781 lx	1 m
Ø0.87 m		1,952 lx	2 m	Ø1.18 m		1,371 lx	2 m	Ø1.65 m		945 lx	2 m
Ø1.31 m		867 lx	3 m	Ø1.77 m		609 lx	3 m	Ø2.48 m		420 lx	3 m
Beam	1 m		2 m		3 m						
18°	7,808 lx Ø440 mm		1,952 lx Ø870 mm		867 lx Ø1310 mm						
30°	5,485 lx Ø590 mm		1,371 lx Ø1180 mm		609 lx Ø1770 mm						
45°	3,781 lx Ø830 mm		945 lx Ø1650 mm		420 lx Ø2480 mm						

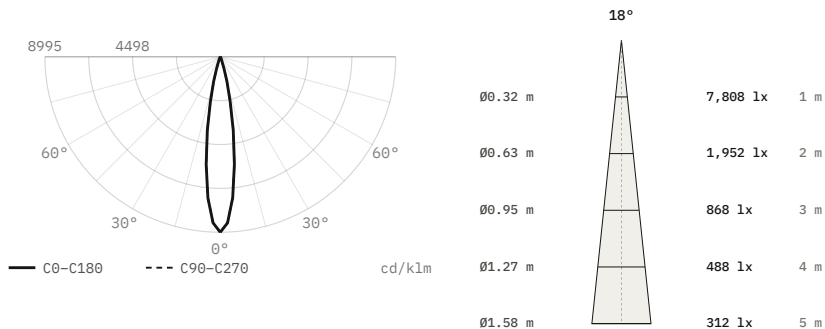
24 W

18°				30°				45°			
Ø0.44 m		7,808 lx	1 m	Ø0.59 m		5,485 lx	1 m	Ø0.83 m		3,781 lx	1 m
Ø0.87 m		1,952 lx	2 m	Ø1.18 m		1,371 lx	2 m	Ø1.65 m		945 lx	2 m
Ø1.31 m		867 lx	3 m	Ø1.77 m		609 lx	3 m	Ø2.48 m		420 lx	3 m
Beam	1 m			2 m			3 m				
18°	7,808 lx Ø440 mm			1,952 lx Ø870 mm			867 lx Ø1310 mm				
30°	5,485 lx Ø590 mm			1,371 lx Ø1180 mm			609 lx Ø1770 mm				
45°	3,781 lx Ø830 mm			945 lx Ø1650 mm			420 lx Ø2480 mm				

Photometry

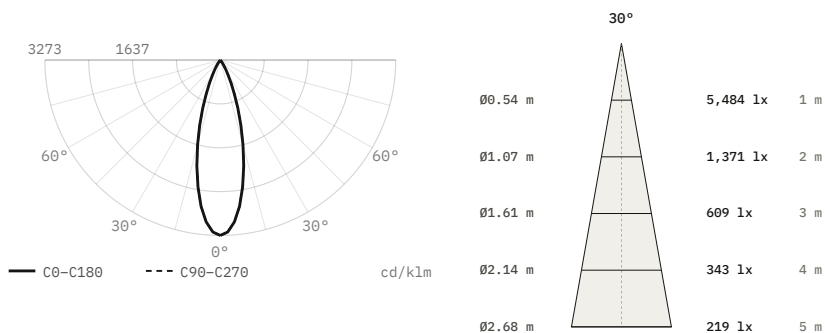
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-3022, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-3022, 24 W, 18° beam



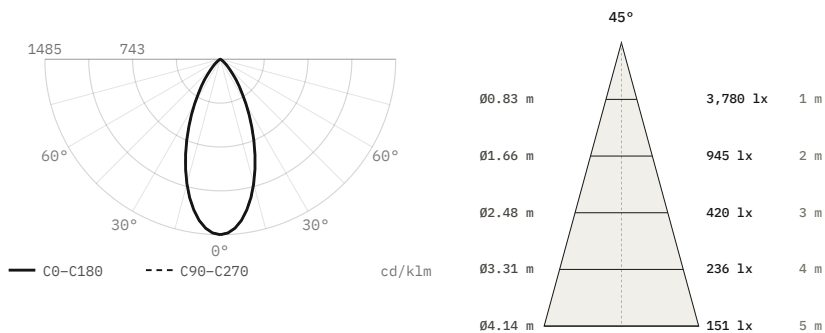
Luminous flux	868 lm
Efficacy	36 lm/W
Peak intensity	7,808 cd, 8,995 cd/klm
Beam angle (50%)	18°
Field angle (10%)	32.8°
Cut-off angle (2.5%)	20.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø125 × 120 mm
Data	Calculated from catalogue data

D3-3022, 24 W, 30° beam



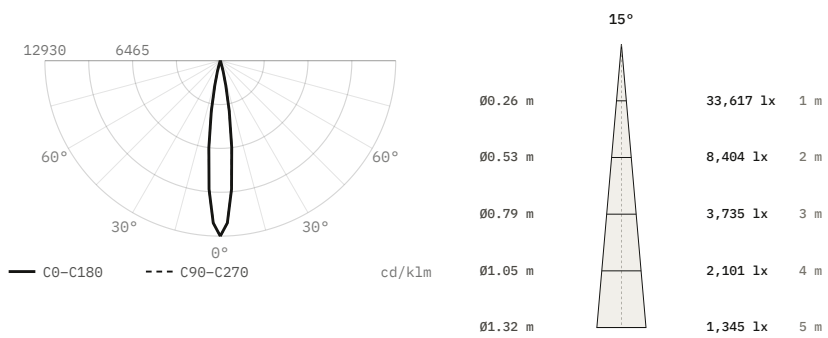
Luminous flux	1,676 lm
Efficacy	70 lm/W
Peak intensity	5,484 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø125 × 120 mm
Data	Calculated from catalogue data

D3-3022, 24 W, 45° beam



Luminous flux	2,546 lm
Efficacy	106 lm/W
Peak intensity	3,780 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø125 × 120 mm
Data	Calculated from catalogue data

D3-3022, 24 W, 15° beam



Luminous flux	2,600 lm
Efficacy	108 lm/W
Peak intensity	33,617 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	Ø125 × 120 mm
Data	Calculated from catalogue data

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Technical data may change without notice.