

Recessed

D3-3002

Recessed spotlight

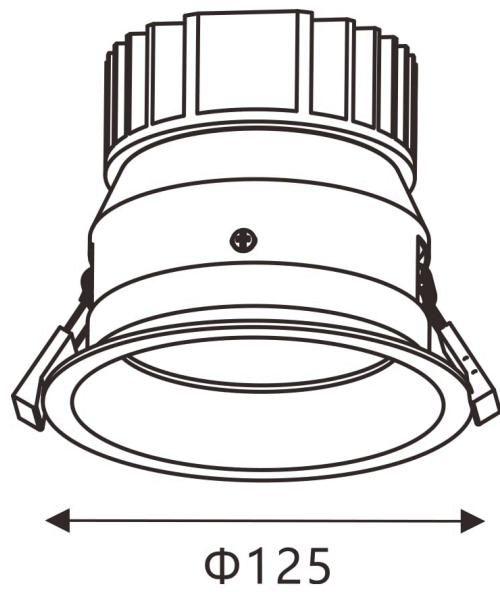


Recessed spotlight. 20 or 28 W. Three beam angles, 20° to 50°. 3000, 4000 K. IP44. 97 CRI.

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

Power 20 W, 28 W	Voltage 220–240 V AC	Luminous flux 2100–2200 lm, 2600–2800 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 20°, 30°, 50°
IP rating IP44	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
D3-3002	20 W	220–240 V AC	2100–2200 lm	97 CRI	Ø125 × 110 mm	Ø115 mm	20° 30° 50°
D3-3002	28 W	220–240 V AC	2600–2800 lm	97 CRI	Ø125 × 110 mm	Ø115 mm	20° 30° 50°

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

20°			30°			50°		
Ø0.35 m	11,983 lx	1 m	Ø0.46 m	7,427 lx	1 m	Ø0.83 m	3,680 lx	1 m
Ø0.71 m	2,995 lx	2 m	Ø0.92 m	1,856 lx	2 m	Ø1.67 m	920 lx	2 m
Ø1.06 m	1,331 lx	3 m	Ø1.38 m	825 lx	3 m	Ø2.50 m	408 lx	3 m
Beam	1 m		2 m			3 m		
20°	11,983 lx Ø350 mm		2,995 lx Ø710 mm			1,331 lx Ø1060 mm		
30°	7,427 lx Ø460 mm		1,856 lx Ø920 mm			825 lx Ø1380 mm		
50°	3,680 lx Ø830 mm		920 lx Ø1670 mm			408 lx Ø2500 mm		

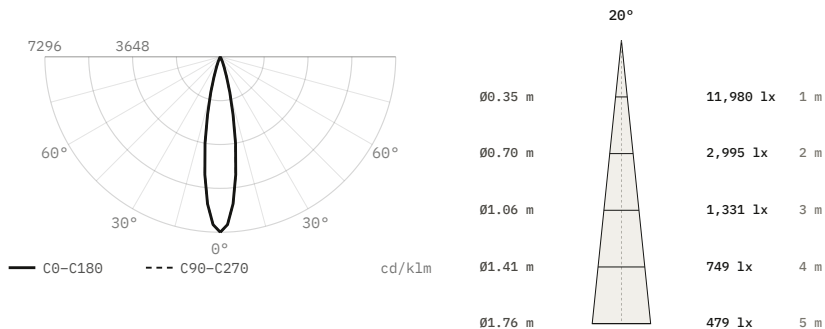
28 W

20°			30°			50°		
Ø0.35 m	11,983 lx	1 m	Ø0.46 m	7,427 lx	1 m	Ø0.83 m	3,680 lx	1 m
Ø0.71 m	2,995 lx	2 m	Ø0.92 m	1,856 lx	2 m	Ø1.67 m	920 lx	2 m
Ø1.06 m	1,331 lx	3 m	Ø1.38 m	825 lx	3 m	Ø2.50 m	408 lx	3 m
Beam	1 m		2 m			3 m		
20°	11,983 lx Ø350 mm		2,995 lx Ø710 mm			1,331 lx Ø1060 mm		
30°	7,427 lx Ø460 mm		1,856 lx Ø920 mm			825 lx Ø1380 mm		
50°	3,680 lx Ø830 mm		920 lx Ø1670 mm			408 lx Ø2500 mm		

Photometry

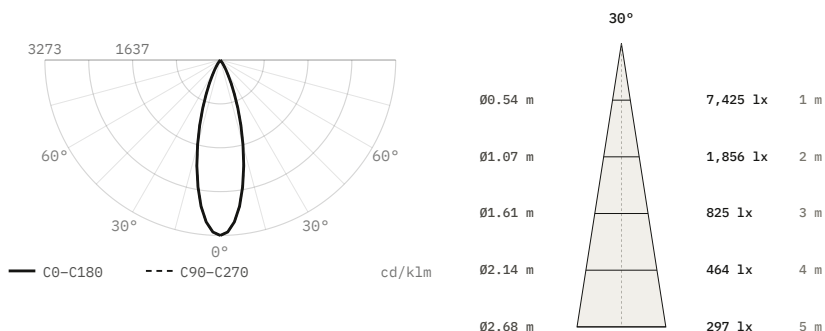
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-3002, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-3002, 28 W, 20° beam



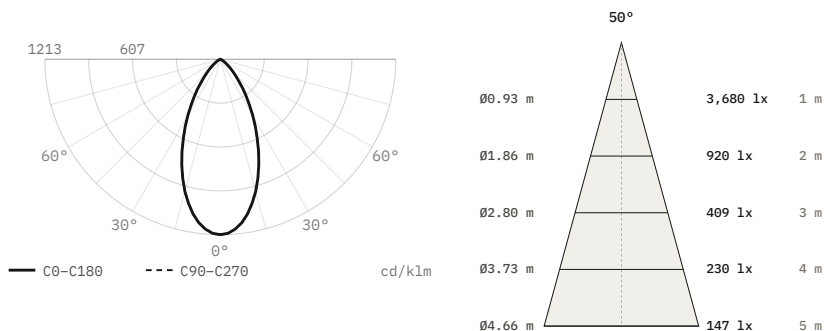
Luminous flux	1,642 lm
Efficacy	59 lm/W
Peak intensity	11,980 cd, 7,296 cd/klm
Beam angle (50%)	20°
Field angle (10%)	36.5°
Cut-off angle (2.5%)	23°
Flux 0–30° / 30–60° / 60–90°	99.8 / 0.2 / 0 %
Size	Ø125 × 110 mm
Data	Calculated from catalogue data

D3-3002, 28 W, 30° beam



Luminous flux	2,269 lm
Efficacy	81 lm/W
Peak intensity	7,425 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 × 110 mm
Data	Calculated from catalogue data

D3-3002, 28 W, 50° beam



Luminous flux	3,034 lm
Efficacy	108 lm/W
Peak intensity	3,680 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	Ø125 × 110 mm
Data	Calculated from catalogue data

