

Recessed

D3-2021

Recessed spotlight



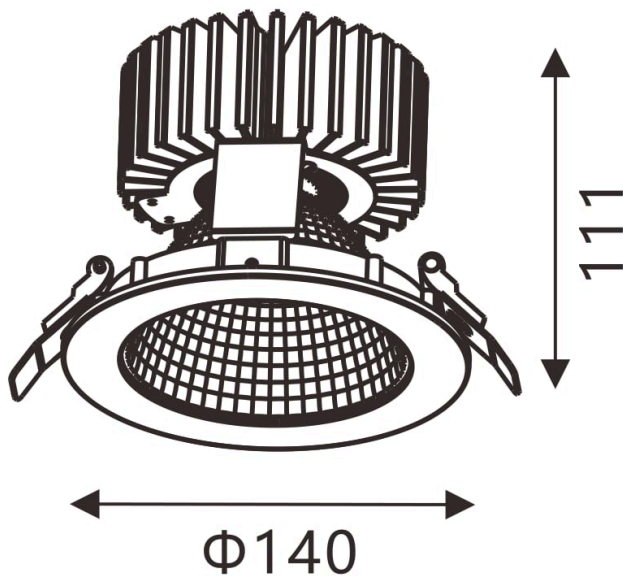
Recessed spotlight. 28, 35 or 42 W. 45° beam. 3000, 4000 K. 97 CRI.

— Ceiling cut-out Ø130 mm

— LED source: Citizen

Power 28 W, 35 W, 42 W	Voltage 220–240 V AC	Luminous flux 2400–2700 lm, 3200–3300 lm, 3900–4000 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 45°
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
D3-2021	28 W	220-240 V AC	2400-2700 lm	97 CRI	Ø140 × 111 mm	Ø130 mm	45°
D3-2021	35 W	220-240 V AC	3200-3300 lm	97 CRI	Ø140 × 111 mm	Ø130 mm	45°
D3-2021	42 W	220-240 V AC	3900-4000 lm	97 CRI	Ø140 × 111 mm	Ø130 mm	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.

28 W

30°			50°		
Ø0.60 m	5,129 lx	1 m	Ø0.97 m	3,763 lx	1 m
Ø1.20 m	1,282 lx	2 m	Ø1.94 m	940 lx	2 m
Ø1.81 m	569 lx	3 m	Ø2.92 m	418 lx	3 m
Beam	1 m		2 m		3 m
30°	5,129 lx Ø600 mm		1,282 lx Ø1200 mm		569 lx Ø1810 mm
50°	3,763 lx Ø970 mm		940 lx Ø1940 mm		418 lx Ø2920 mm

35 W

30°			50°		
Ø0.60 m	5,129 lx	1 m	Ø0.97 m	3,763 lx	1 m
Ø1.20 m	1,282 lx	2 m	Ø1.94 m	940 lx	2 m
Ø1.81 m	569 lx	3 m	Ø2.92 m	418 lx	3 m
Beam	1 m		2 m		3 m
30°	5,129 lx Ø600 mm		1,282 lx Ø1200 mm		569 lx Ø1810 mm
50°	3,763 lx Ø970 mm		940 lx Ø1940 mm		418 lx Ø2920 mm

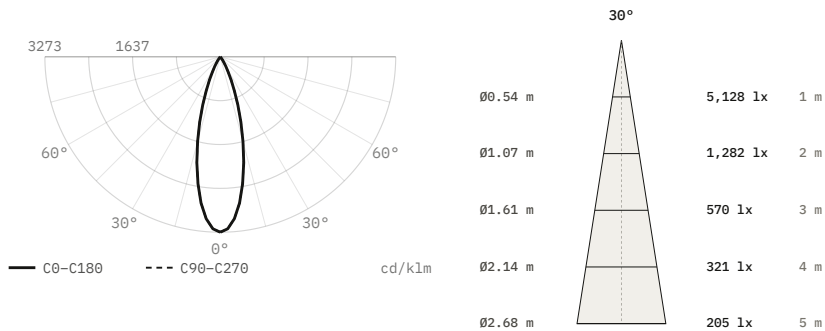
42 W

30°			50°		
Ø0.60 m	5,129 lx	1 m	Ø0.97 m	3,763 lx	1 m
Ø1.20 m	1,282 lx	2 m	Ø1.94 m	940 lx	2 m
Ø1.81 m	569 lx	3 m	Ø2.92 m	418 lx	3 m
Beam	1 m		2 m		3 m
30°	5,129 lx Ø600 mm		1,282 lx Ø1200 mm		569 lx Ø1810 mm
50°	3,763 lx Ø970 mm		940 lx Ø1940 mm		418 lx Ø2920 mm

Photometry

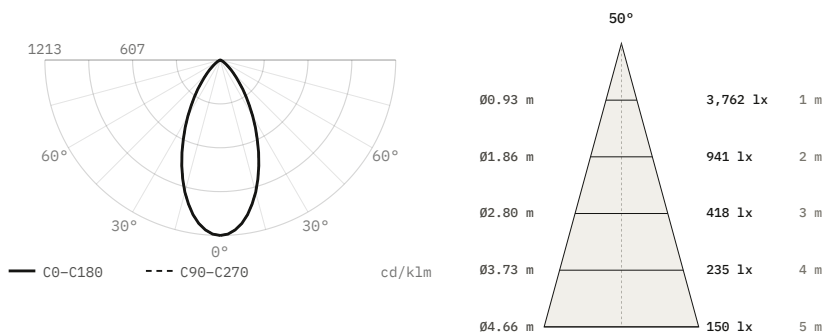
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-2021, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-2021, 42 W, 30° beam



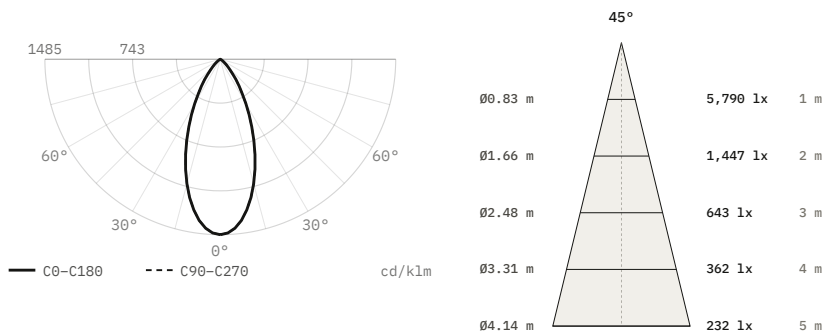
Luminous flux	1,567 lm
Efficacy	37 lm/W
Peak intensity	5,128 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø140 × 111 mm
Data	Calculated from catalogue data

D3-2021, 42 W, 50° beam



Luminous flux	3,101 lm
Efficacy	74 lm/W
Peak intensity	3,762 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	Ø140 × 111 mm
Data	Calculated from catalogue data

D3-2021, 42 W, 45° beam



Luminous flux	3,900 lm
Efficacy	93 lm/W
Peak intensity	5,790 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	Ø140 × 111 mm
Data	Calculated from catalogue data

