

Recessed

D3-4012

Recessed spotlight

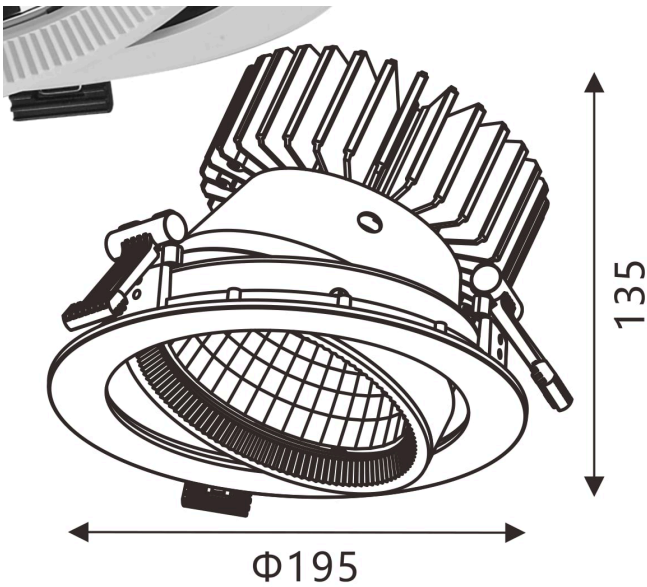


Recessed spotlight. 43 or 50 W. Beam angles 10° to 55°, by model. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø185 mm
- LED source: Citizen

Power 43 W, 50 W	Voltage 220–240 V AC	Luminous flux 4300–4400 lm, 5000–5100 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 10°, 12°, 20°, 30°, 45°, 55°
IP rating IP20	Certifications CE, RoHS, EMC, LVD	Mounting Recessed
Control On/Off, DALI, 0-10V, Triac, Casambi	Finishes White, Black, Grey	

Dimensions



Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-4012	43 W	220–240 V AC	4300–4400 lm	97 CRI	Ø195 x H135 mm	Ø185 mm	10° 20° 30° 45° 55°
D3-4012	50 W	220–240 V AC	5000–5100 lm	97 CRI	Ø195 x H135 mm	Ø185 mm	12° 20° 30° 45° 55°

Finishes



White

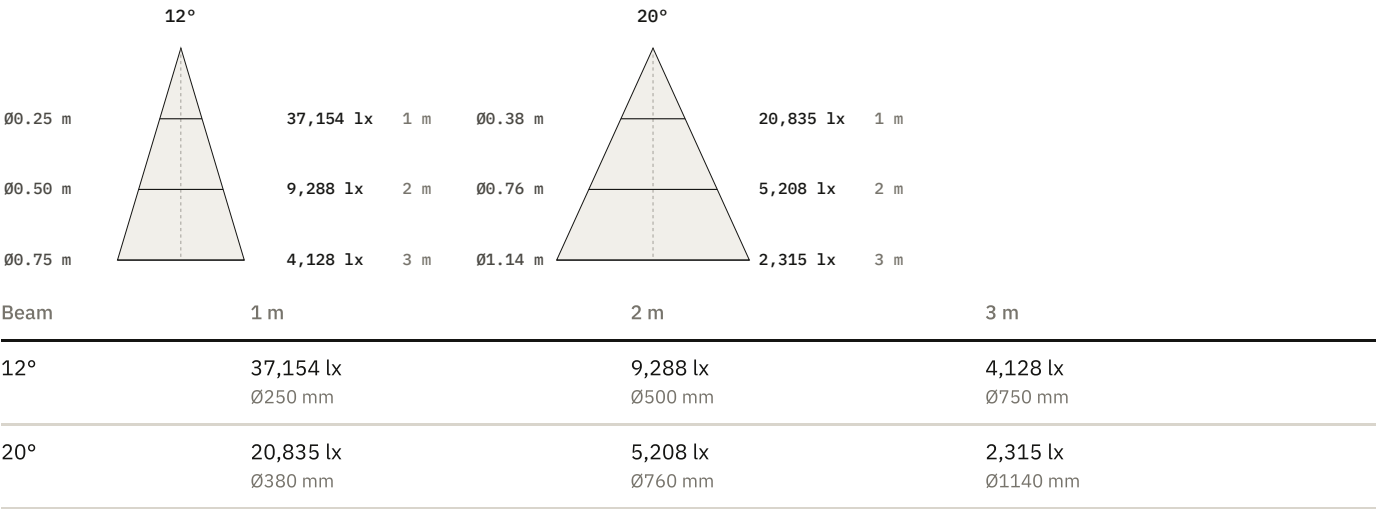


Grey

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.

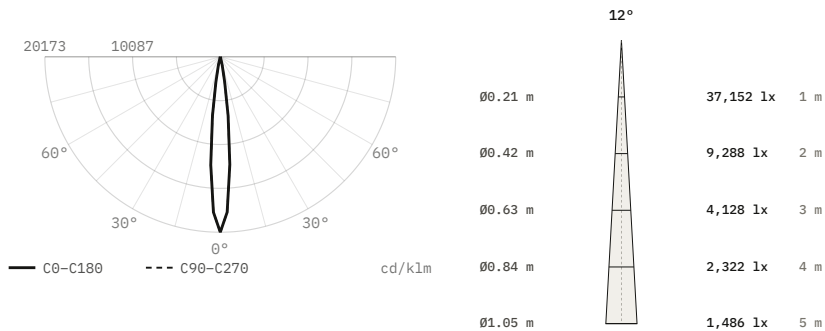
43 W



Photometry

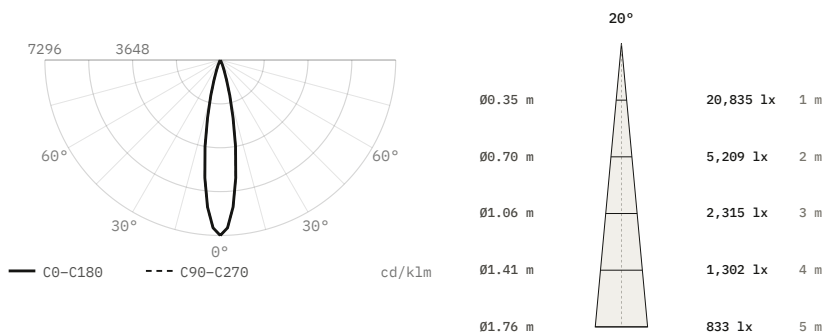
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4012, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4012, 50 W, 12° beam



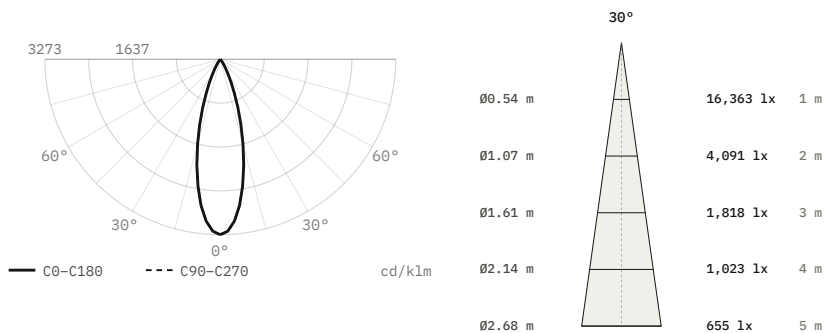
Luminous flux	1,842 lm
Efficacy	37 lm/W
Peak intensity	37,152 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø195 × 135 mm
Data	Calculated from catalogue data

D3-4012, 50 W, 20° beam



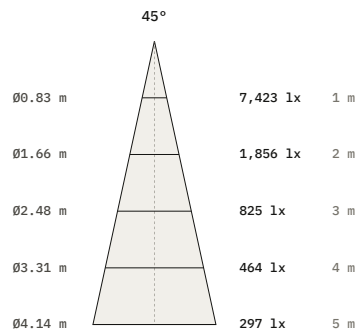
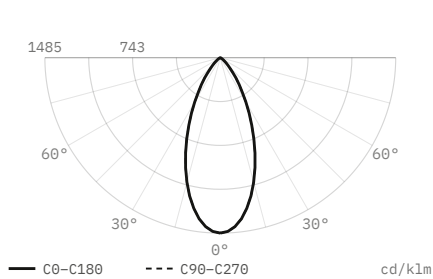
Luminous flux	2,856 lm
Efficacy	57 lm/W
Peak intensity	20,835 cd, 7,296 cd/klm
Beam angle (50%)	20°
Field angle (10%)	36.5°
Cut-off angle (2.5%)	23°
Flux 0–30° / 30–60° / 60–90°	99.8 / 0.2 / 0 %
Size	Ø195 × 135 mm
Data	Calculated from catalogue data

D3-4012, 50 W, 30° beam



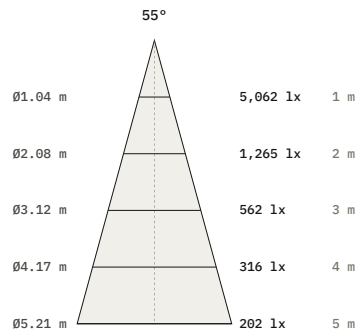
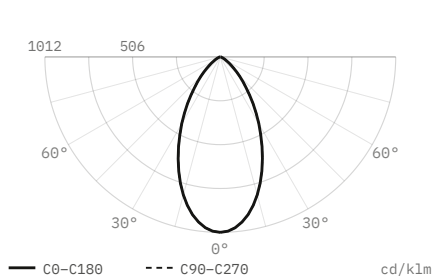
Luminous flux	5,000 lm
Efficacy	100 lm/W
Peak intensity	16,363 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø195 × 135 mm
Data	Calculated from catalogue data

D3-4012, 50 W, 45° beam



Luminous flux	5,000 lm
Efficacy	100 lm/W
Peak intensity	7,423 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	Ø195 × 135 mm
Data	Calculated from catalogue data

D3-4012, 50 W, 55° beam



Luminous flux	5,000 lm
Efficacy	100 lm/W
Peak intensity	5,062 cd, 1,012 cd/klm
Beam angle (50%)	55°
Field angle (10%)	100.2°
Cut-off angle (2.5%)	63°
Flux 0–30° / 30–60° / 60–90°	58.2 / 38.8 / 3 %
Size	Ø195 × 135 mm
Data	Calculated from catalogue data

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Technical data may change without notice.