

Recessed

D3-4018

Recessed spotlight

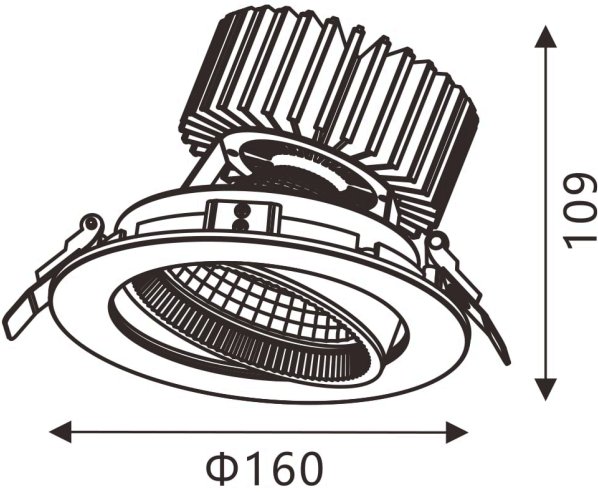


Recessed spotlight. 28, 35 or 43 W. Five beam angles, 12° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø145 mm
- LED source: Citizen

Power 28 W, 35 W, 43 W	Voltage 220–240 V AC	Luminous flux 3000–3200 lm, 3700–3900 lm, 4600–4800 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 12°, 30°, 36°, 45°, 60°
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
D3-4018	28 W	220–240 V AC	3000–3200 lm	97 CRI	Ø160 x H109 mm	Ø145 mm	12° 30° 36° 45° 60°
D3-4018	35 W	220–240 V AC	3700–3900 lm	97 CRI	Ø160 x H109 mm	Ø145 mm	12° 30° 36° 45° 60°
D3-4018	43 W	220–240 V AC	4600–4800 lm	97 CRI	Ø160 x H109 mm	Ø145 mm	12° 30° 36° 45° 60°

Finishes



Black



White

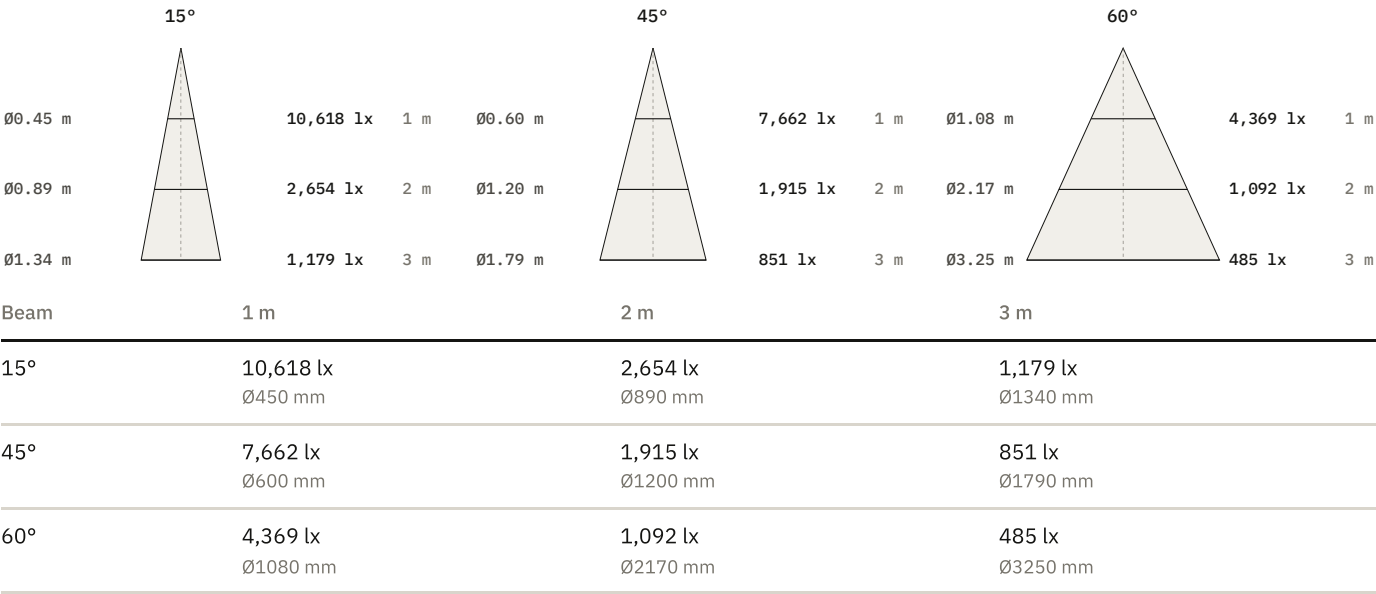


Grey

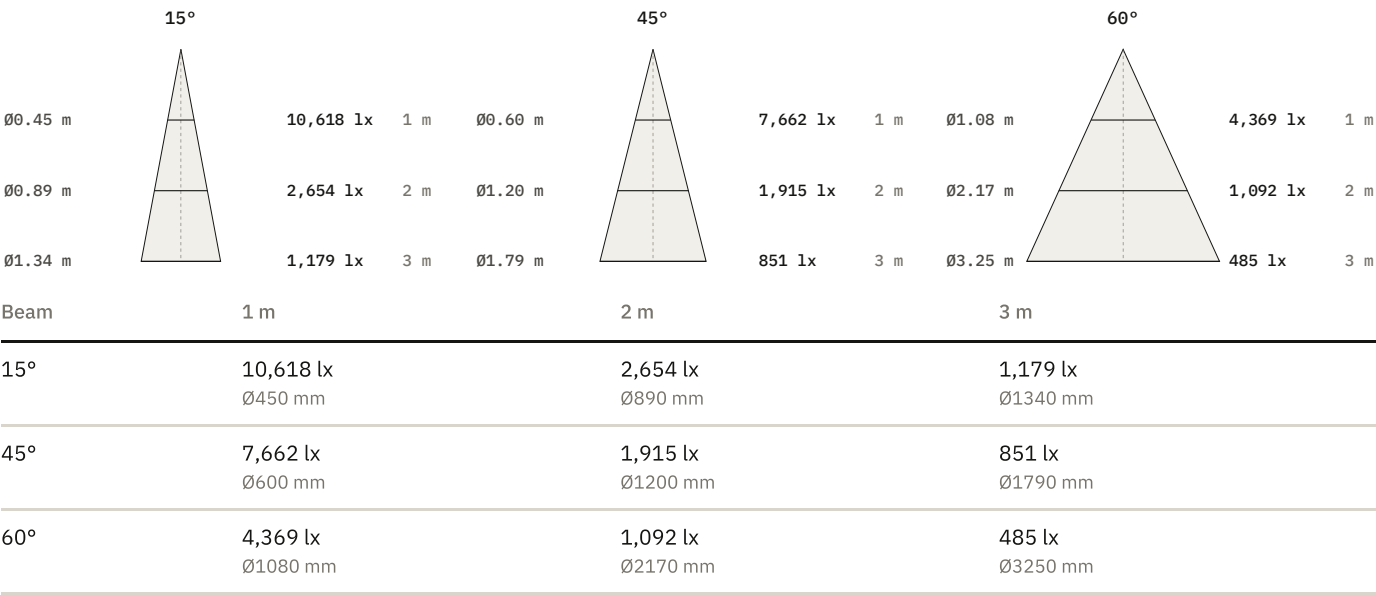
Photometric data

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.

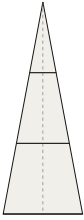
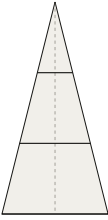
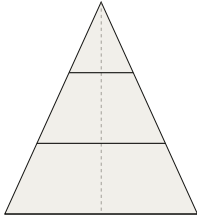
28 W



35 W



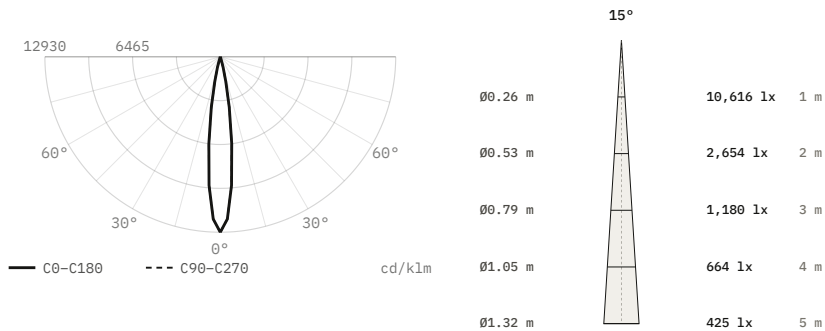
43 W

	15°			45°			60°		
Ø0.45 m		10,618 lx 1 m	Ø0.60 m		7,662 lx 1 m	Ø1.08 m		4,369 lx 1 m	
Ø0.89 m		2,654 lx 2 m	Ø1.20 m		1,915 lx 2 m	Ø2.17 m		1,092 lx 2 m	
Ø1.34 m		1,179 lx 3 m	Ø1.79 m		851 lx 3 m	Ø3.25 m		485 lx 3 m	
Beam	1 m			2 m			3 m		
15°	10,618 lx Ø450 mm			2,654 lx Ø890 mm			1,179 lx Ø1340 mm		
45°	7,662 lx Ø600 mm			1,915 lx Ø1200 mm			851 lx Ø1790 mm		
60°	4,369 lx Ø1080 mm			1,092 lx Ø2170 mm			485 lx Ø3250 mm		

Photometry

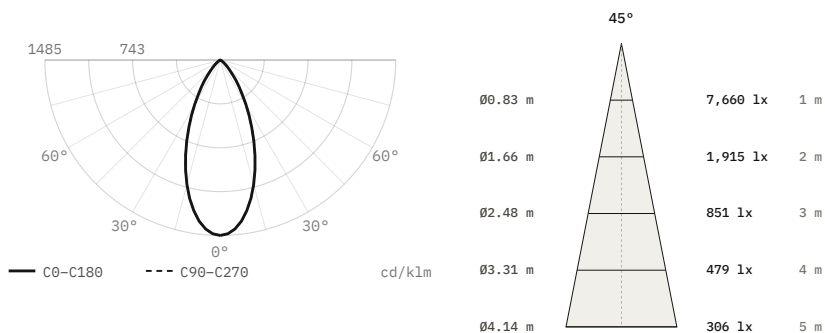
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4018, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4018, 43 W, 15° beam



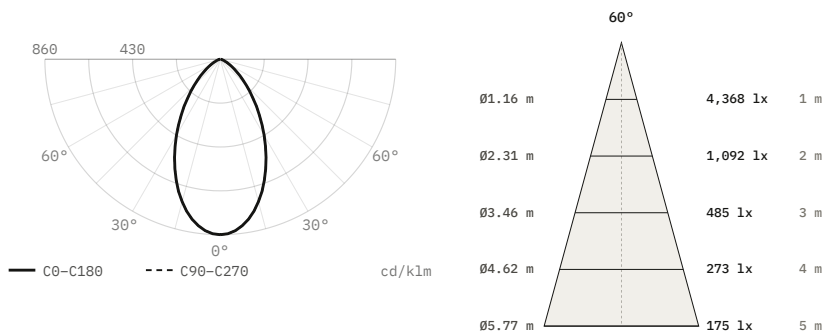
Luminous flux	821 lm
Efficacy	19 lm/W
Peak intensity	10,616 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø160 × 109 mm
Data	Calculated from catalogue data

D3-4018, 43 W, 45° beam



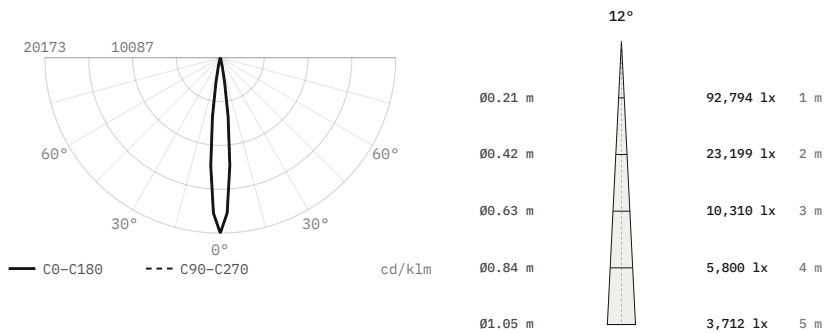
Luminous flux	5,160 lm
Efficacy	120 lm/W
Peak intensity	7,660 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø160 × 109 mm
Data	Calculated from catalogue data

D3-4018, 43 W, 60° beam



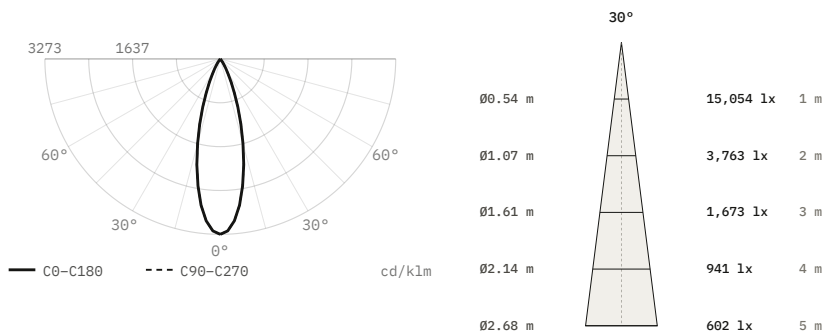
Luminous flux	5,077 lm
Efficacy	118 lm/W
Peak intensity	4,368 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø160 × 109 mm
Data	Calculated from catalogue data

D3-4018, 43 W, 12° beam



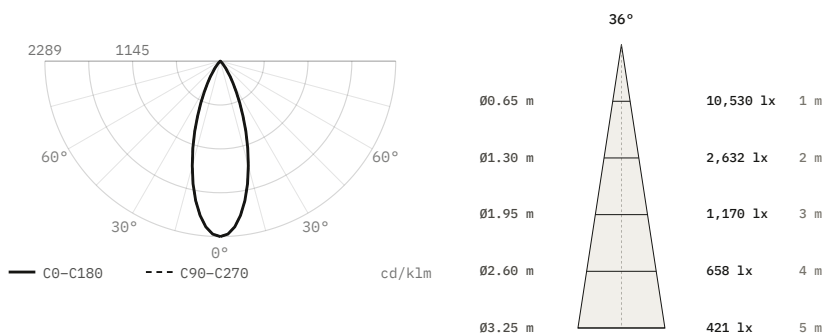
Luminous flux	4,600 lm
Efficacy	107 lm/W
Peak intensity	92,794 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø160 × 109 mm
Data	Calculated from catalogue data

D3-4018, 43 W, 30° beam



Luminous flux	4,600 lm
Efficacy	107 lm/W
Peak intensity	15,054 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	Ø160 × 109 mm
Data	Calculated from catalogue data

D3-4018, 43 W, 36° beam



Luminous flux	4,600 lm
Efficacy	107 lm/W
Peak intensity	10,530 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	Ø160 × 109 mm
Data	Calculated from catalogue data