

Recessed

R3-1018

Recessed spotlight

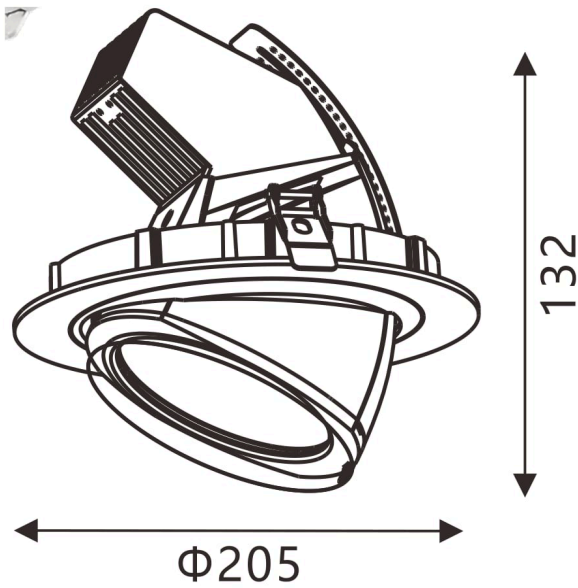


Recessed spotlight. 35 or 43 W. Four beam angles, 12° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø190 mm
- LED source: Citizen

Power	Luminous flux	Colour temperature
35 W, 43 W	3400–3500 lm, 4000–4100 lm	3000 K, 4000 K
CRI	Beam angles	IP rating
97 CRI	12°, 30°, 45°, 60°	IP20
Certifications	Mounting	Control
CE, RoHS, EMC, LVD	Recessed	DALI, 0-10V, Triac, Casambi
Finishes		
White, Black, Grey		

Dimensions



Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
R3-1018	35 W	3400–3500 lm	97 CRI	Ø205 × 132 mm	Ø190 mm	12° 30° 45° 60°
R3-1018	43 W	4000–4100 lm	97 CRI	Ø205 × 132 mm	Ø190 mm	12° 30° 45° 60°

Finishes



Black



White

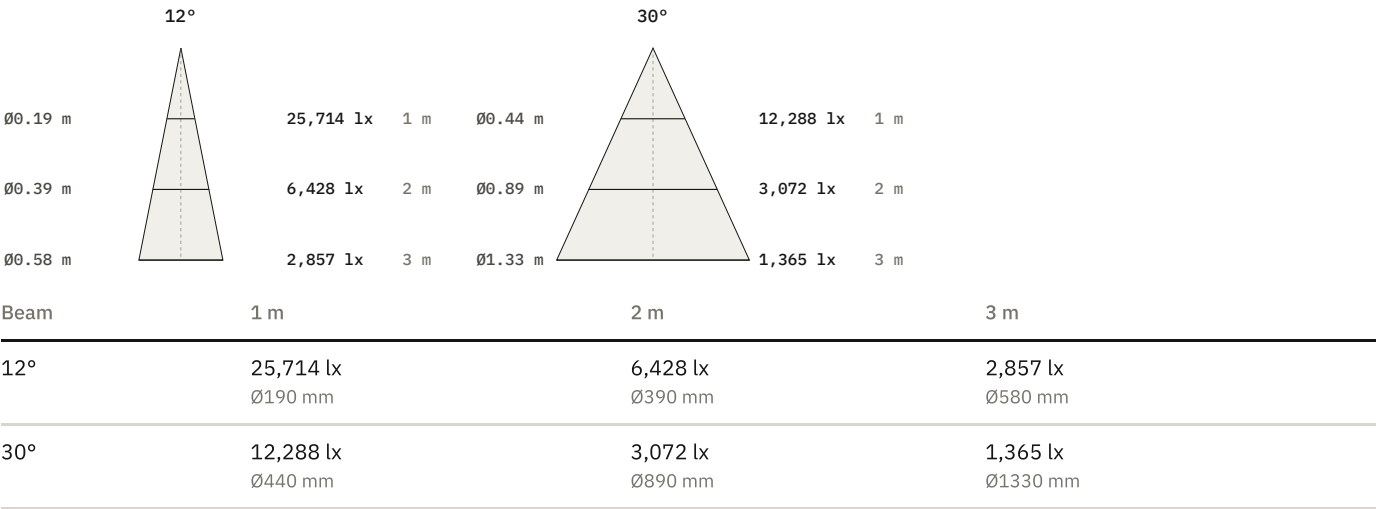


Grey

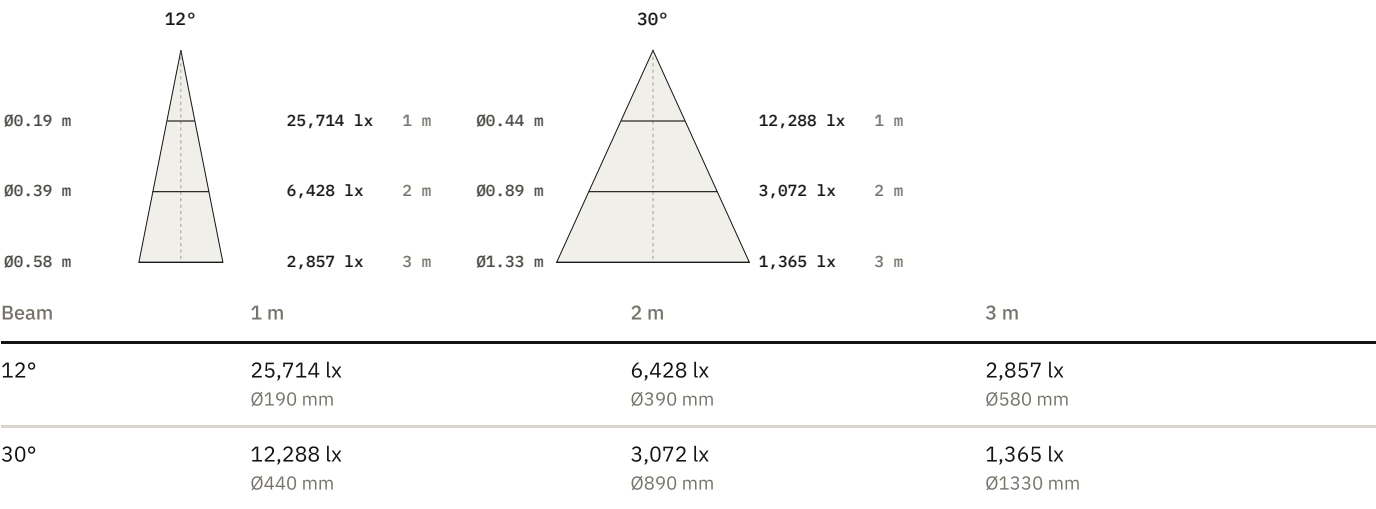
Photometric data

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.

35 W



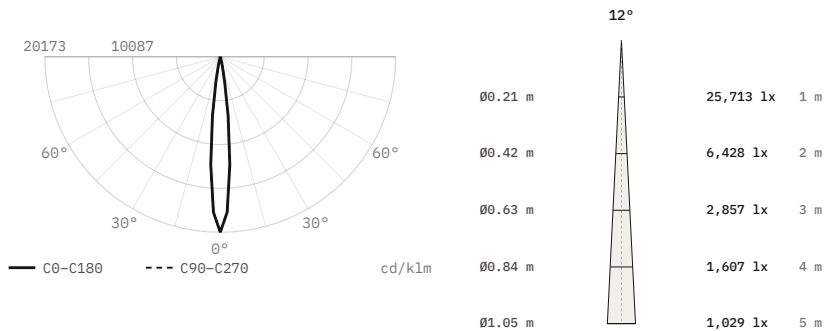
43 W



Photometry

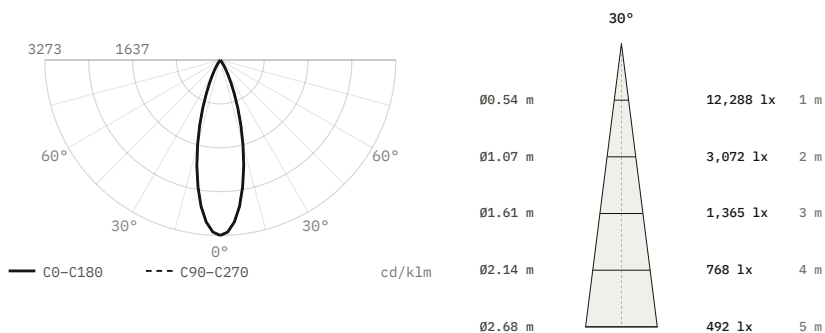
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1018, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1018, 43 W, 12° beam



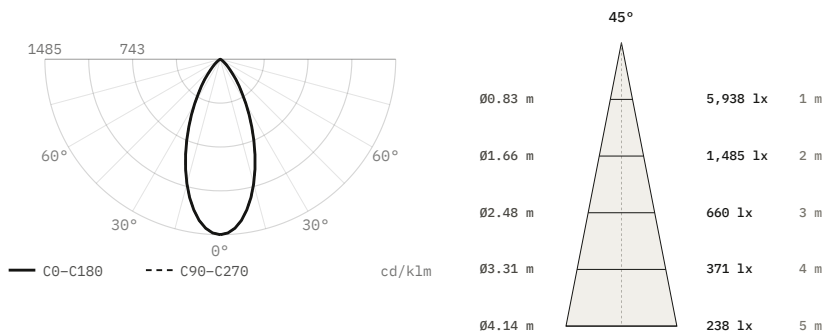
Luminous flux	1,275 lm
Efficacy	30 lm/W
Peak intensity	25,713 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø205 × 132 mm
Data	Calculated from catalogue data

R3-1018, 43 W, 30° beam



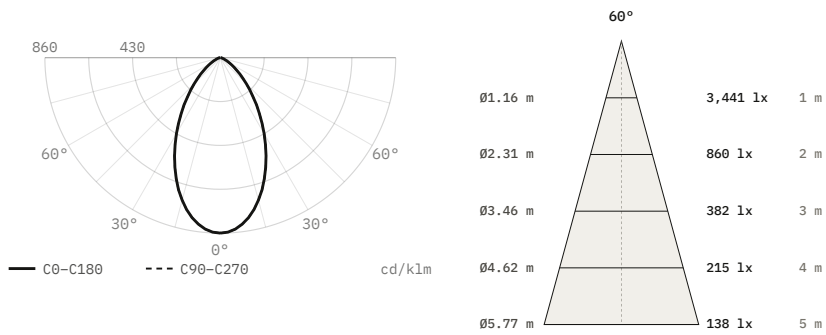
Luminous flux	3,755 lm
Efficacy	87 lm/W
Peak intensity	12,288 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø205 × 132 mm
Data	Calculated from catalogue data

R3-1018, 43 W, 45° beam



Luminous flux	4,000 lm
Efficacy	93 lm/W
Peak intensity	5,938 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	Ø205 × 132 mm
Data	Calculated from catalogue data

R3-1018, 43 W, 60° beam



Luminous flux	4,000 lm
Efficacy	93 lm/W
Peak intensity	3,441 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	Ø205 × 132 mm
Data	Calculated from catalogue data