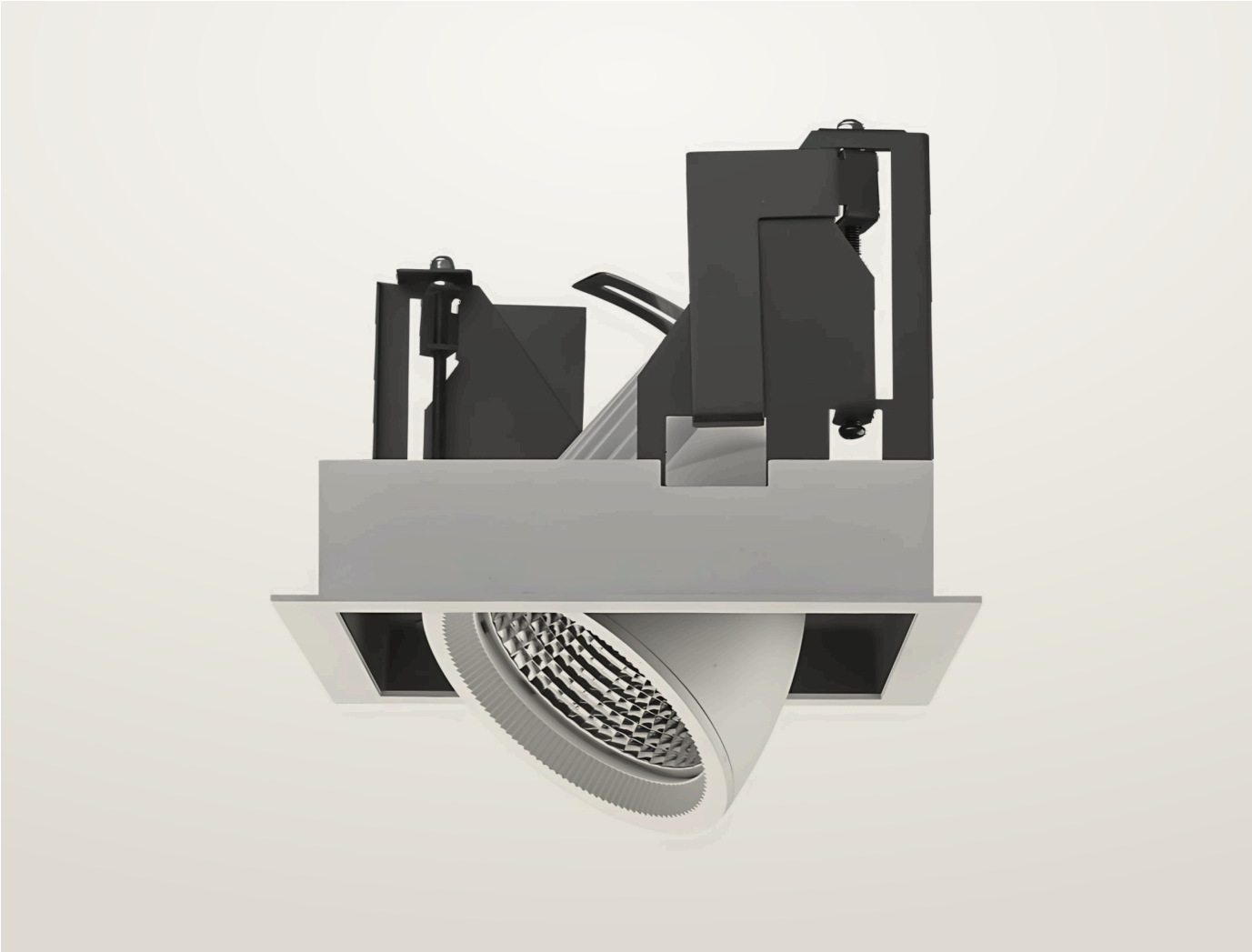


Recessed

R3-1081

Recessed spotlight

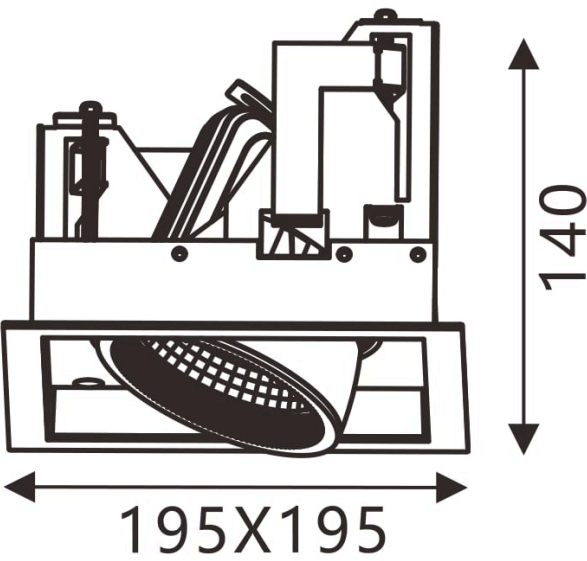


Recessed spotlight. 28 or 35 W. Four beam angles, 12° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø180 mm
- LED source: Citizen

Power	Luminous flux	Colour temperature
28 W, 35 W	2700–2800 lm, 3400–3500 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



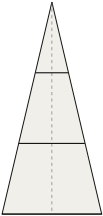
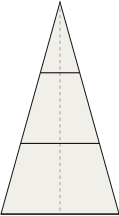
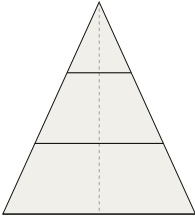
Models

Code	Version	Power	Flux	CRI	Size	Cut-out	Beam
R3-1081	1 head	28 W	2700–2800 lm	97 CRI	195 × 195 × 140 mm	Ø180 mm	12° 30° 45° 60°
R3-1081	1 head	35 W	3400–3500 lm	97 CRI	195 × 195 × 140 mm	Ø180 mm	12° 30° 45° 60°

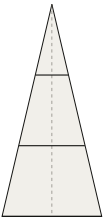
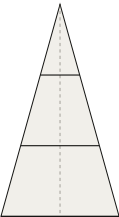
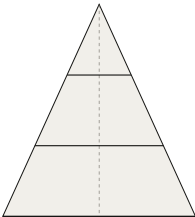
Photometric data

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°			45°			60°		
Ø0.50 m		7,955 lx 1 m	Ø0.60 m		6,475 lx 1 m	Ø0.97 m		4,424 lx 1 m
Ø1.00 m		1,988 lx 2 m	Ø1.19 m		1,618 lx 2 m	Ø1.95 m		1,106 lx 2 m
Ø1.51 m		883 lx 3 m	Ø1.79 m		719 lx 3 m	Ø2.92 m		491 lx 3 m
Beam 1 m			2 m			3 m		
30°			45°			60°		
7,955 lx Ø500 mm			1,988 lx Ø1000 mm			883 lx Ø1510 mm		
45°			1,618 lx Ø1190 mm			719 lx Ø1790 mm		
60°			1,106 lx Ø1950 mm			491 lx Ø2920 mm		

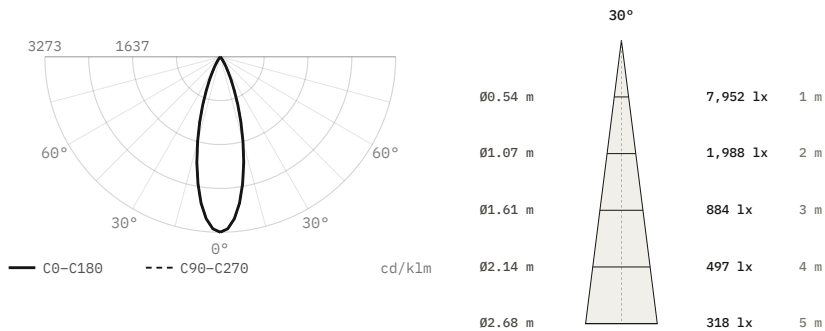
35 W

30°			45°			60°		
Ø0.50 m		7,955 lx 1 m	Ø0.60 m		6,475 lx 1 m	Ø0.97 m		4,424 lx 1 m
Ø1.00 m		1,988 lx 2 m	Ø1.19 m		1,618 lx 2 m	Ø1.95 m		1,106 lx 2 m
Ø1.51 m		883 lx 3 m	Ø1.79 m		719 lx 3 m	Ø2.92 m		491 lx 3 m
Beam 1 m			2 m			3 m		
30°			45°			60°		
7,955 lx Ø500 mm			1,988 lx Ø1000 mm			883 lx Ø1510 mm		
45°			1,618 lx Ø1190 mm			719 lx Ø1790 mm		
60°			1,106 lx Ø1950 mm			491 lx Ø2920 mm		

Photometry

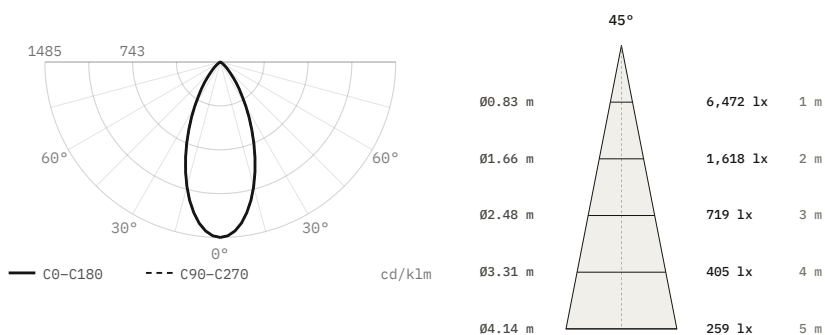
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1081, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1081, 35 W, 30° beam



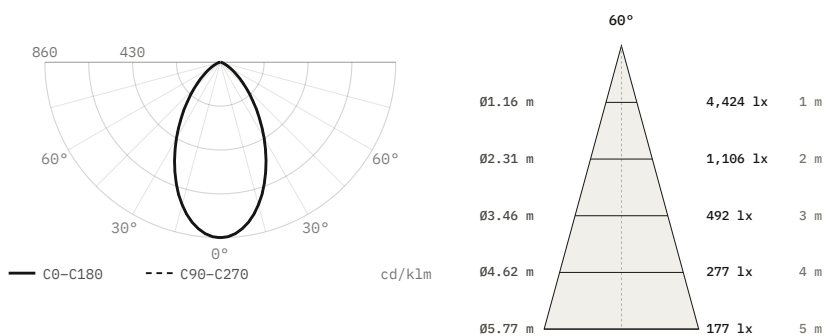
Luminous flux	2,430 lm
Efficacy	69 lm/W
Peak intensity	7,952 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	195 × 195 × 140 mm
Data	Calculated from catalogue data

R3-1081, 35 W, 45° beam



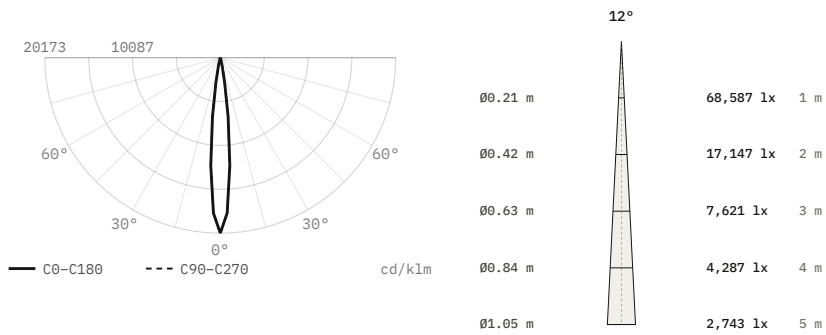
Luminous flux	4,359 lm
Efficacy	125 lm/W
Peak intensity	6,472 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	195 × 195 × 140 mm
Data	Calculated from catalogue data

R3-1081, 35 W, 60° beam



Luminous flux	5,142 lm
Efficacy	147 lm/W
Peak intensity	4,424 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	195 × 195 × 140 mm
Data	Calculated from catalogue data

R3-1081, 35 W, 12° beam



Luminous flux	3,400 lm
Efficacy	97 lm/W
Peak intensity	68,587 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	195 × 195 × 140 mm
Data	Calculated from catalogue data