

Recessed

R3-1023

Recessed spotlight

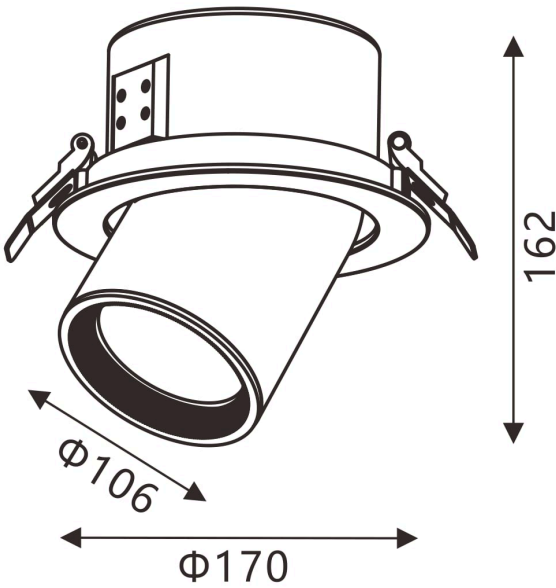


Recessed spotlight. 43 W. Five beam angles, 15° to 60°.
3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø160 mm
- LED source: Citizen

Power 43 W	Voltage 220–240 V AC	Luminous flux 4000–4100 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 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
R3-1023	43 W	220–240 V AC	4000–4100 lm	97 CRI	Ø170 × 162 mm	Ø160 mm	15° 30° 36° 45° 60°

Finishes



White

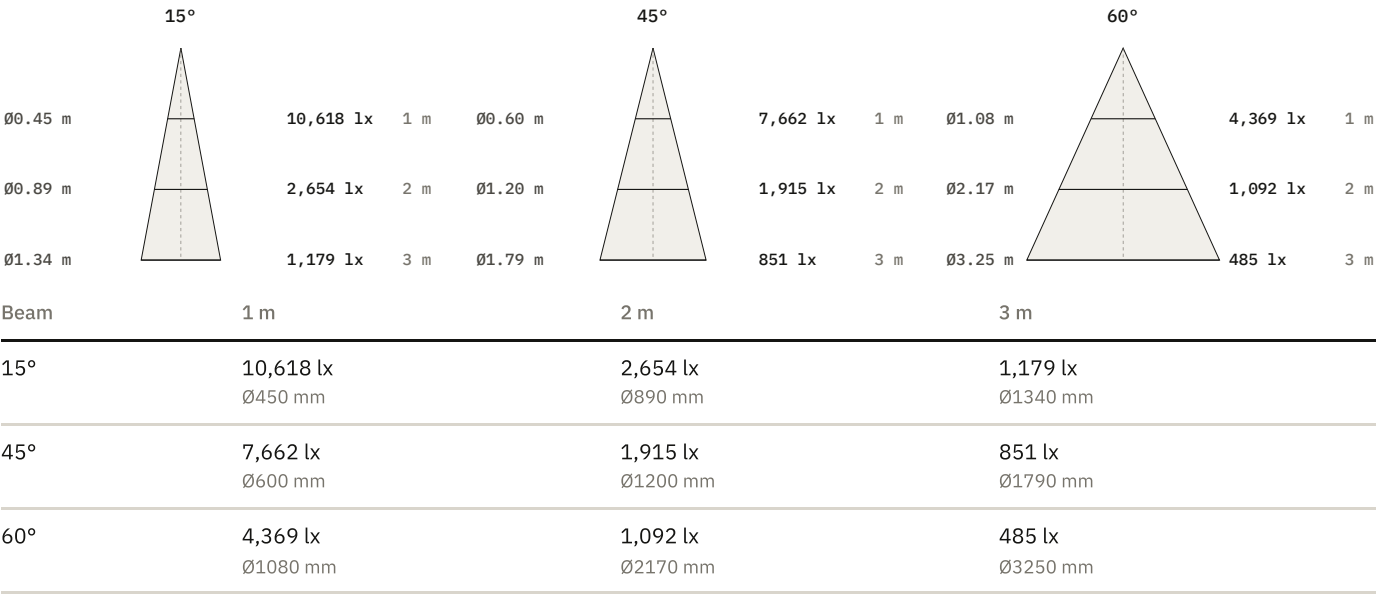


Grey

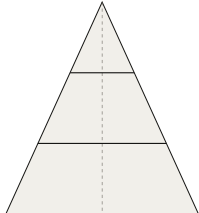
Photometric data

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



60°



Ø1.08 m

Ø2.17 m

Ø3.25 m

4,369 lx

1,092 lx

485 lx

1 m

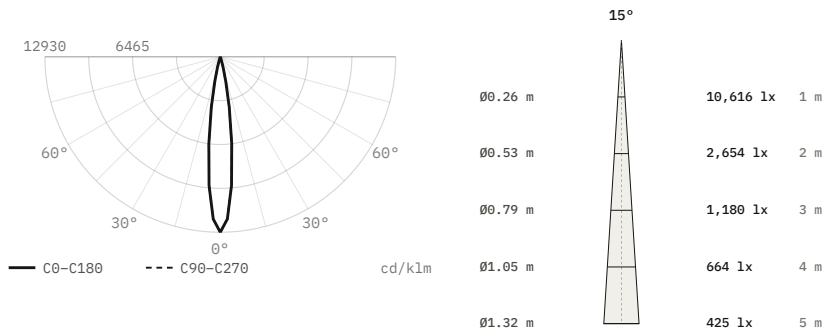
2 m

3 m

Photometry

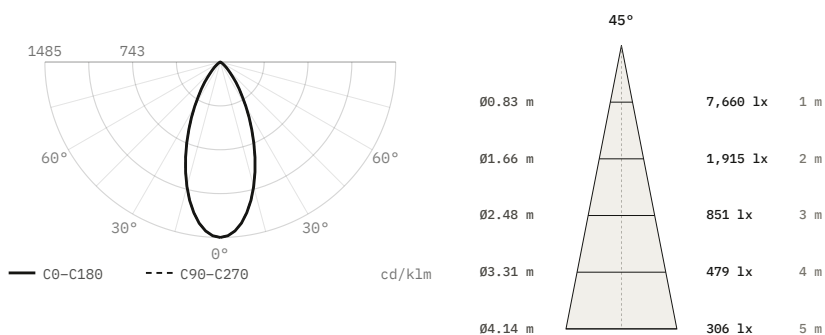
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1023, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1023, 43 W, 15° beam



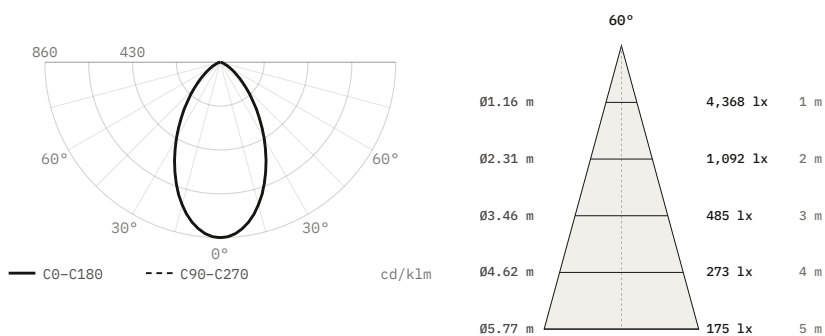
Luminous flux	821 lm
Efficacy	19 lm/W
Peak intensity	10,616 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø170 × 162 mm
Data	Calculated from catalogue data

R3-1023, 43 W, 45° beam



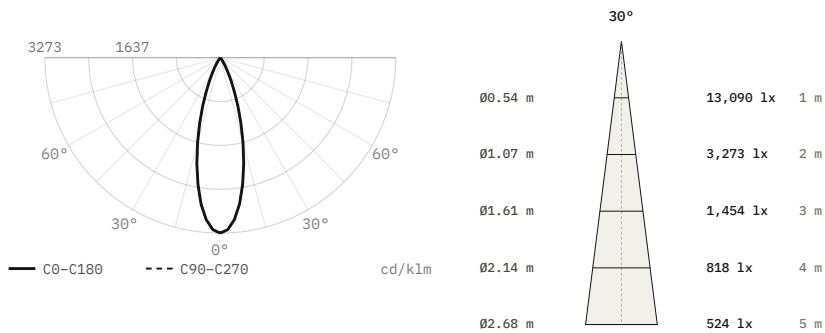
Luminous flux	5,160 lm
Efficacy	120 lm/W
Peak intensity	7,660 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø170 × 162 mm
Data	Calculated from catalogue data

R3-1023, 43 W, 60° beam



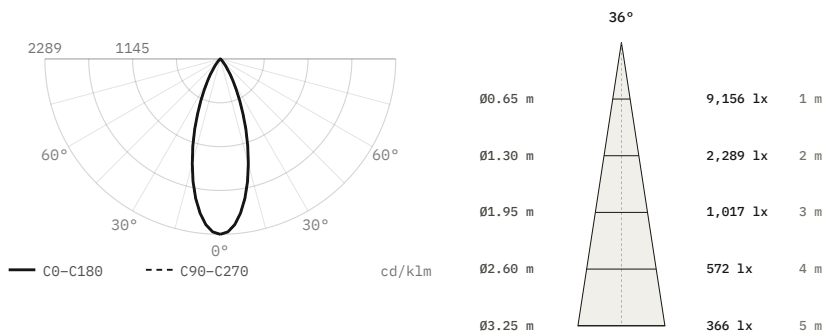
Luminous flux	5,077 lm
Efficacy	118 lm/W
Peak intensity	4,368 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø170 × 162 mm
Data	Calculated from catalogue data

R3-1023, 43 W, 30° beam



Luminous flux	4,000 lm
Efficacy	93 lm/W
Peak intensity	13,090 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	Ø170 × 162 mm
Data	Calculated from catalogue data

R3-1023, 43 W, 36° beam



Luminous flux	4,000 lm
Efficacy	93 lm/W
Peak intensity	9,156 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	Ø170 × 162 mm
Data	Calculated from catalogue data