

Recessed

R3-1027

Recessed spotlight

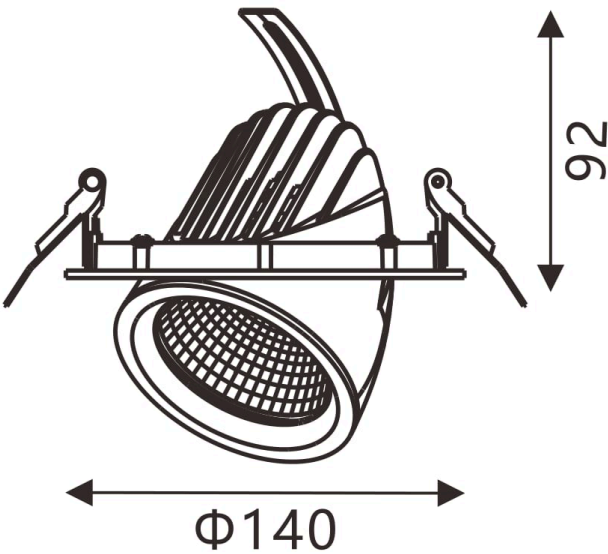


Recessed spotlight. 20 W. Four beam angles, 15° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø125 mm
- LED source: Citizen

Power 20 W	Luminous flux 2200–2300 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 30°, 45°, 55°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
R3-1027	20 W	2200–2300 lm	97 CRI	Ø140 × 92 mm	Ø125 mm	15° 30° 45° 55°

Finishes



White

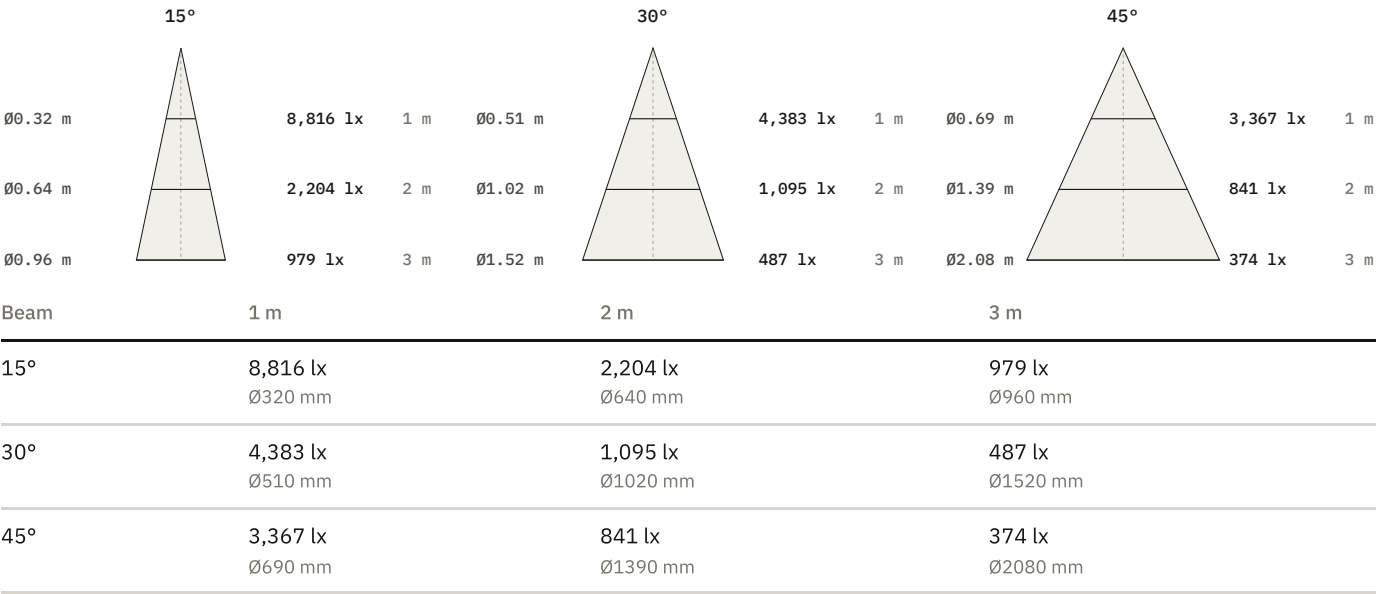


Grey

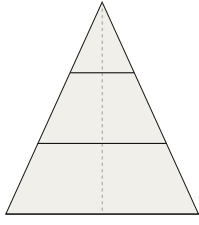
Photometric data

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.

20 W



45°



Ø0.69 m

Ø1.39 m

Ø2.08 m

3,367 lx

841 lx

374 lx

1 m

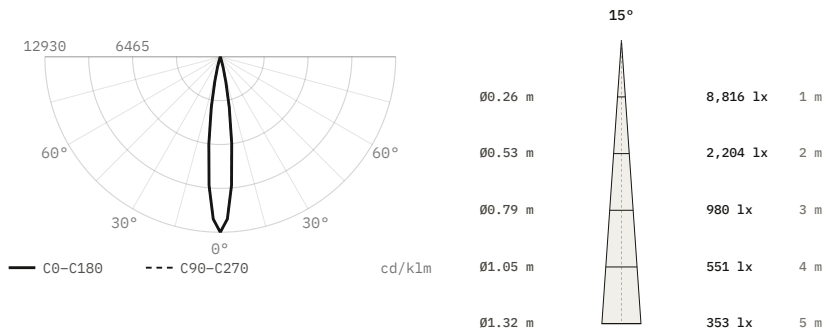
2 m

3 m

Photometry

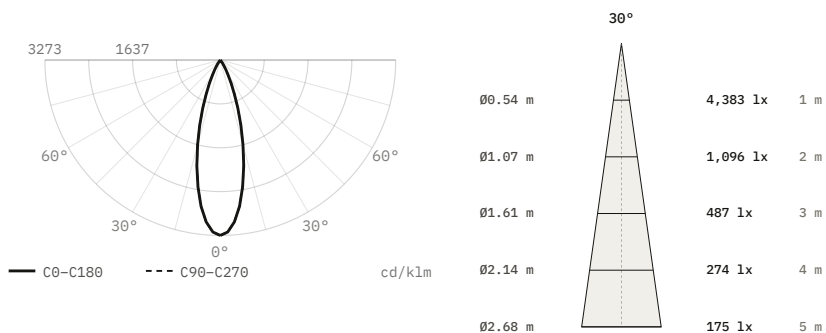
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1027, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1027, 20 W, 15° beam



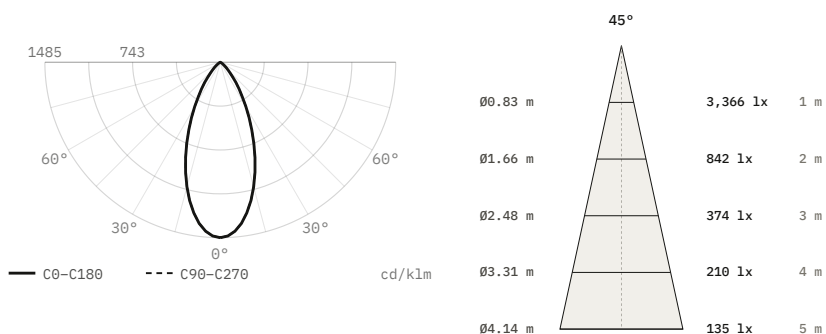
Luminous flux	682 lm
Efficacy	34 lm/W
Peak intensity	8,816 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø140 × 92 mm
Data	Calculated from catalogue data

R3-1027, 20 W, 30° beam



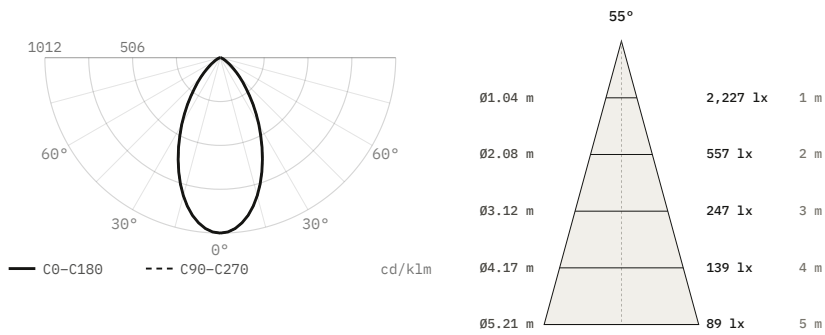
Luminous flux	1,339 lm
Efficacy	67 lm/W
Peak intensity	4,383 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø140 × 92 mm
Data	Calculated from catalogue data

R3-1027, 20 W, 45° beam



Luminous flux	2,267 lm
Efficacy	113 lm/W
Peak intensity	3,366 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	Ø140 × 92 mm
Data	Calculated from catalogue data

R3-1027, 20 W, 55° beam



Luminous flux	2,200 lm
Efficacy	110 lm/W
Peak intensity	2,227 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	Ø140 × 92 mm
Data	Calculated from catalogue data