

Recessed

R3-1022

Recessed spotlight

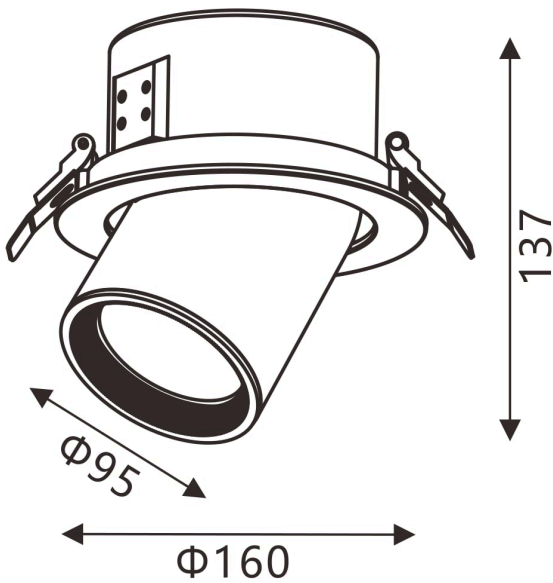


Recessed spotlight. 35 W. Four beam angles, 15° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø150 mm
- LED source: Citizen

Power 35 W	Voltage 220–240 V AC	Luminous flux 3400–3700 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 30°, 40°, 55°
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
R3-1022	35 W	220–240 V AC	3400–3700 lm	97 CRI	Ø160 × 137 mm	Ø150 mm	15° 30° 40° 55°

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.

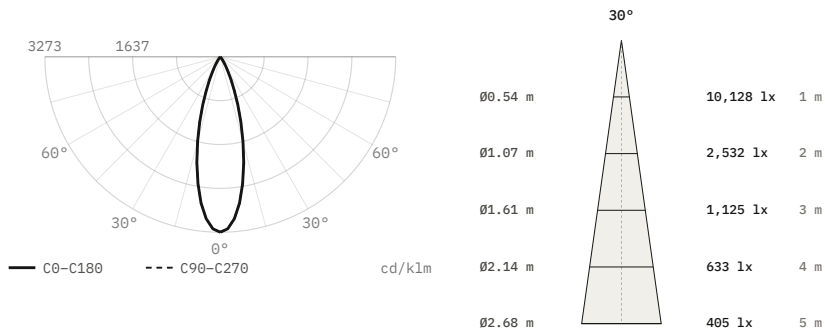
35 W

30°			40°			55°		
Ø0.43 m	10,128 lx	1 m	Ø0.96 m	4,299 lx	1 m	Ø0.95 m	4,432 lx	1 m
Ø0.87 m	2,532 lx	2 m	Ø1.92 m	1,074 lx	2 m	Ø1.89 m	1,108 lx	2 m
Ø1.30 m	1,125 lx	3 m	Ø2.87 m	477 lx	3 m	Ø2.84 m	492 lx	3 m
Beam	1 m		2 m			3 m		
30°	10,128 lx Ø430 mm		2,532 lx Ø870 mm			1,125 lx Ø1300 mm		
40°	4,299 lx Ø960 mm		1,074 lx Ø1920 mm			477 lx Ø2870 mm		
55°	4,432 lx Ø950 mm		1,108 lx Ø1890 mm			492 lx Ø2840 mm		

Photometry

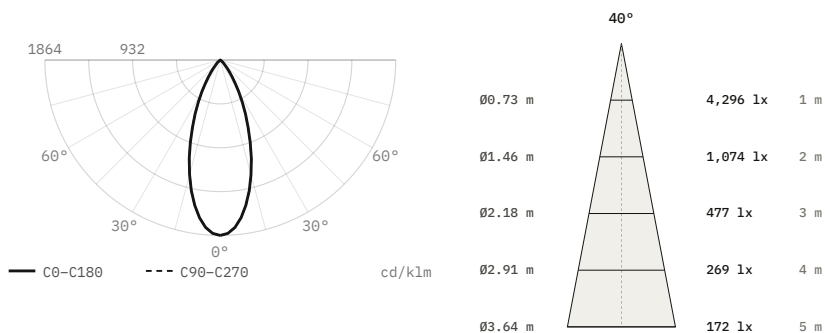
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1022, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1022, 35 W, 30° beam



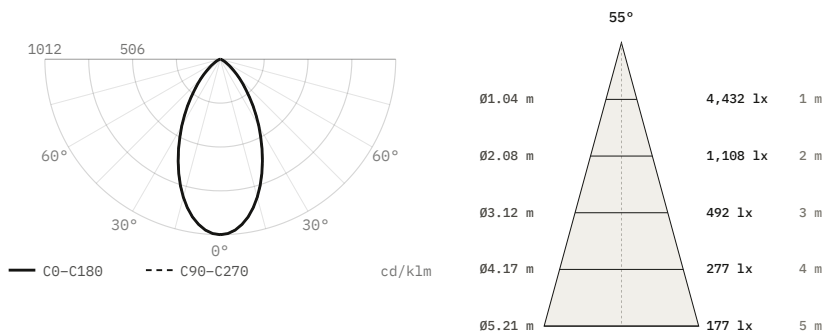
Luminous flux	3,095 lm
Efficacy	88 lm/W
Peak intensity	10,128 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø160 × 137 mm
Data	Calculated from catalogue data

R3-1022, 35 W, 40° beam



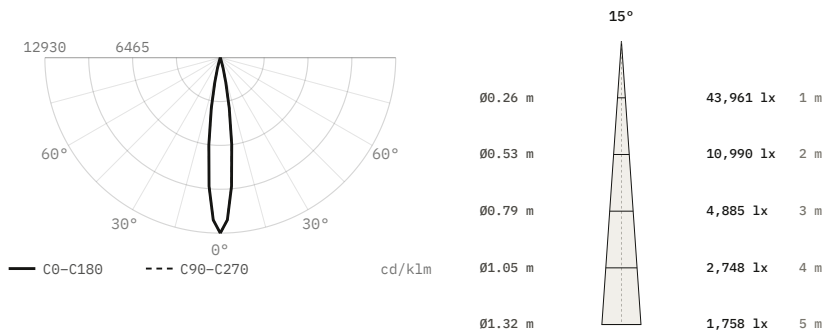
Luminous flux	2,304 lm
Efficacy	66 lm/W
Peak intensity	4,296 cd, 1,864 cd/klm
Beam angle (50%)	40°
Field angle (10%)	72.9°
Cut-off angle (2.5%)	46°
Flux 0–30° / 30–60° / 60–90°	79.9 / 19.9 / 0.2 %
Size	Ø160 × 137 mm
Data	Calculated from catalogue data

R3-1022, 35 W, 55° beam



Luminous flux	4,378 lm
Efficacy	125 lm/W
Peak intensity	4,432 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	Ø160 × 137 mm
Data	Calculated from catalogue data

R3-1022, 35 W, 15° beam



Luminous flux	3,400 lm
Efficacy	97 lm/W
Peak intensity	43,961 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 × 137 mm
Data	Calculated from catalogue data