

Recessed

R3-1021

Recessed spotlight

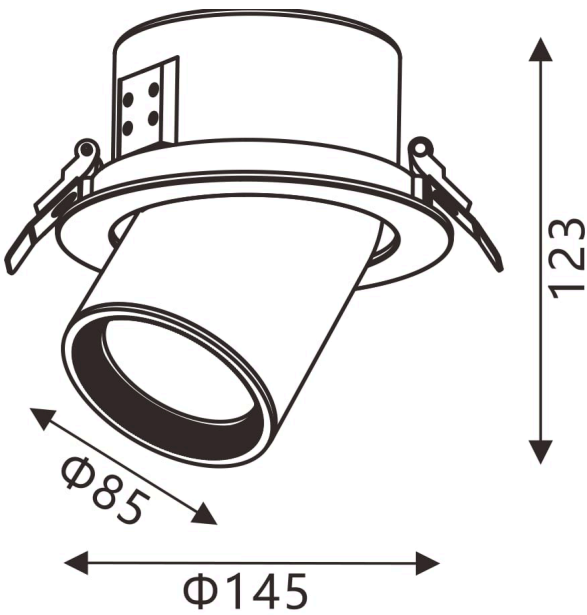


Recessed spotlight. 28 W. Four beam angles, 15° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø135 mm
- LED source: Citizen

Power 28 W	Voltage 220–240 V AC	Luminous flux 2800–2900 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 45°, 55°
IP rating IP20	Certifications CE, RoHS, EMC, LVD	Mounting Recessed
Control On/Off, DALI, 0-10V, Triac, Casambi	Finishes White, Black, Grey	

Dimensions



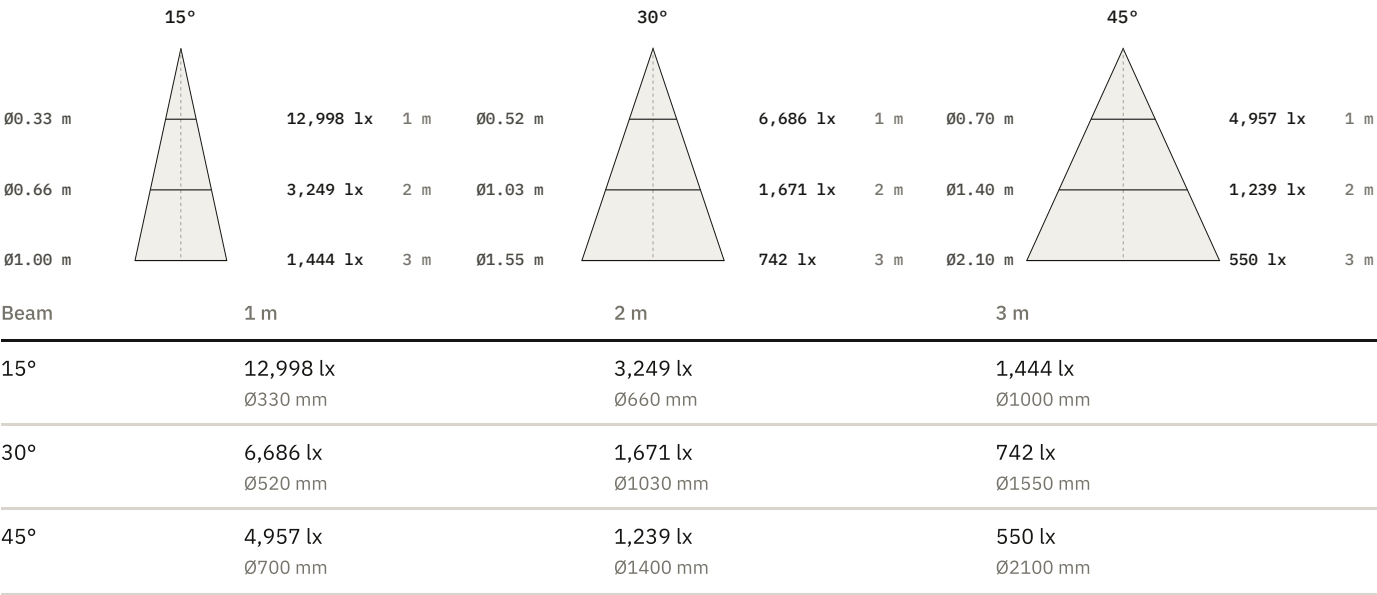
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
R3-1021	28 W	220–240 V AC	2800–2900 lm	97 CRI	Ø145 × 123 mm	Ø135 mm	15° 24° 45° 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.

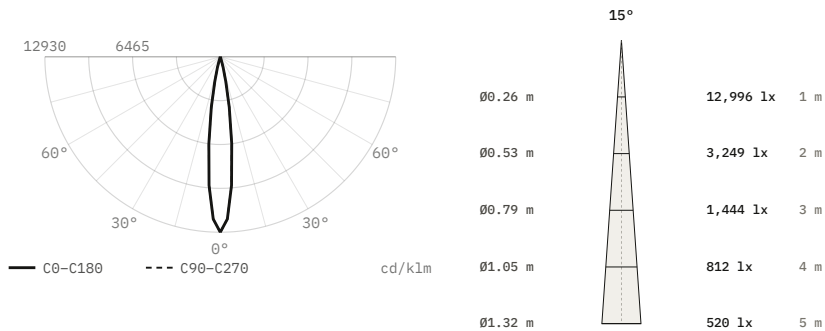
28 W



Photometry

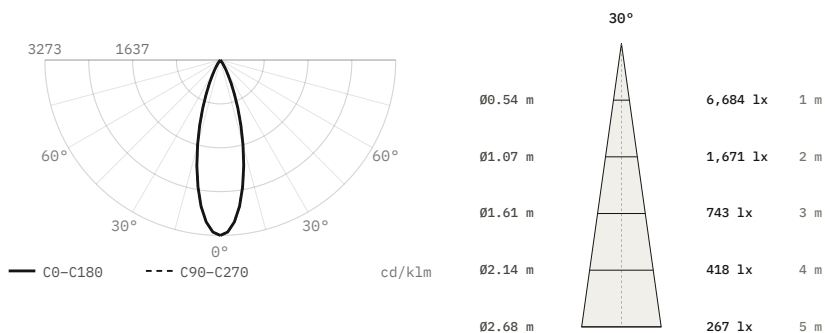
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1021, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1021, 28 W, 15° beam



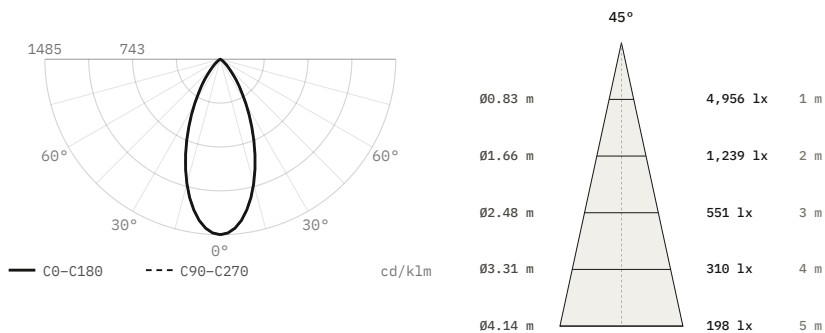
Luminous flux	1,005 lm
Efficacy	36 lm/W
Peak intensity	12,996 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø145 × 123 mm
Data	Calculated from catalogue data

R3-1021, 28 W, 30° beam



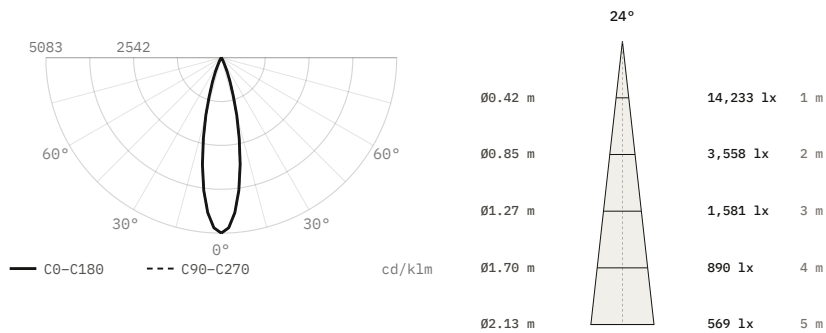
Luminous flux	2,042 lm
Efficacy	73 lm/W
Peak intensity	6,684 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø145 × 123 mm
Data	Calculated from catalogue data

R3-1021, 28 W, 45° beam



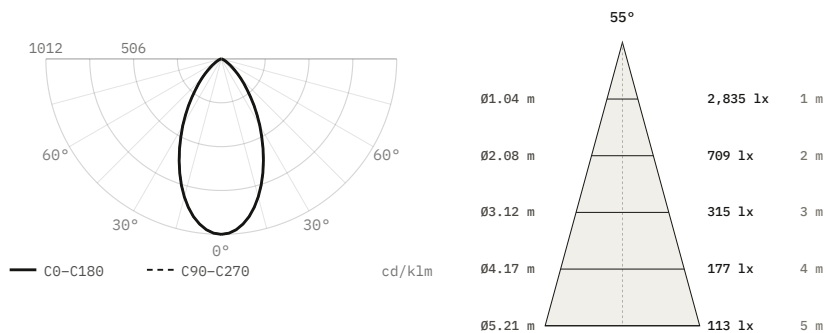
Luminous flux	3,338 lm
Efficacy	119 lm/W
Peak intensity	4,956 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø145 × 123 mm
Data	Calculated from catalogue data

R3-1021, 28 W, 24° beam



Luminous flux	2,800 lm
Efficacy	100 lm/W
Peak intensity	14,233 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø145 × 123 mm
Data	Calculated from catalogue data

R3-1021, 28 W, 55° beam



Luminous flux	2,800 lm
Efficacy	100 lm/W
Peak intensity	2,835 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	Ø145 × 123 mm
Data	Calculated from catalogue data

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Technical data may change without notice.