

Recessed

R3-1008

Recessed spotlight

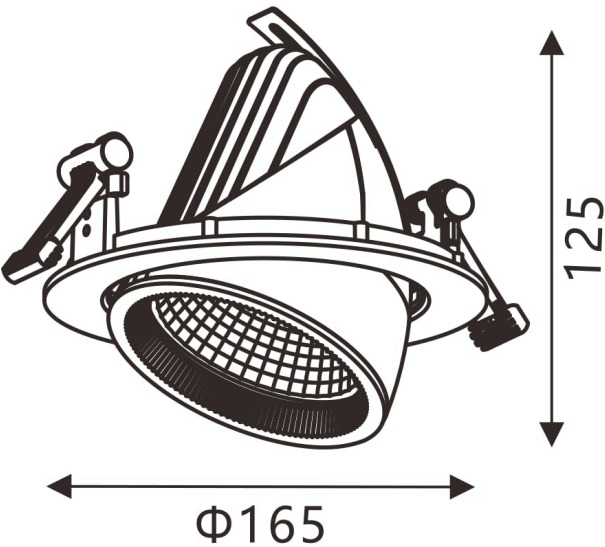


Recessed spotlight. 28 or 35 W. Four beam angles, 12° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø155 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



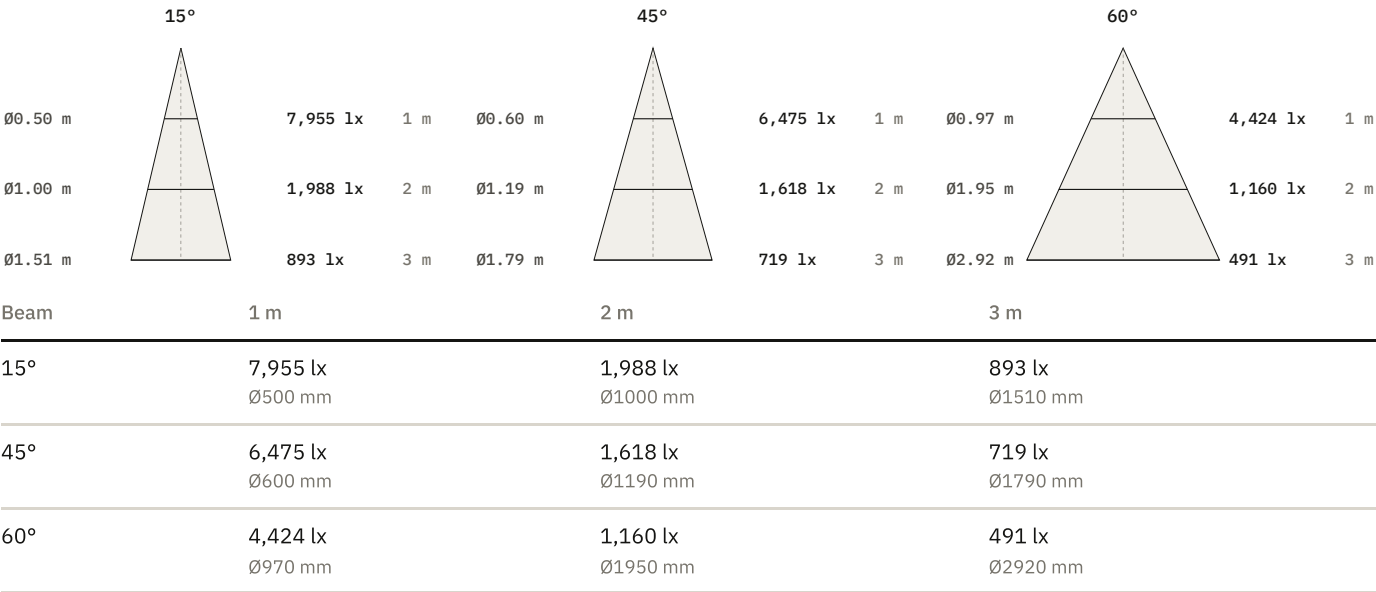
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
R3-1008	28 W	2700–2800 lm	97 CRI	Ø165 × 125 mm	Ø155 mm	12° 30° 45° 60°
R3-1008	35 W	3400–3500 lm	97 CRI	Ø165 × 125 mm	Ø155 mm	12° 30° 45° 60°

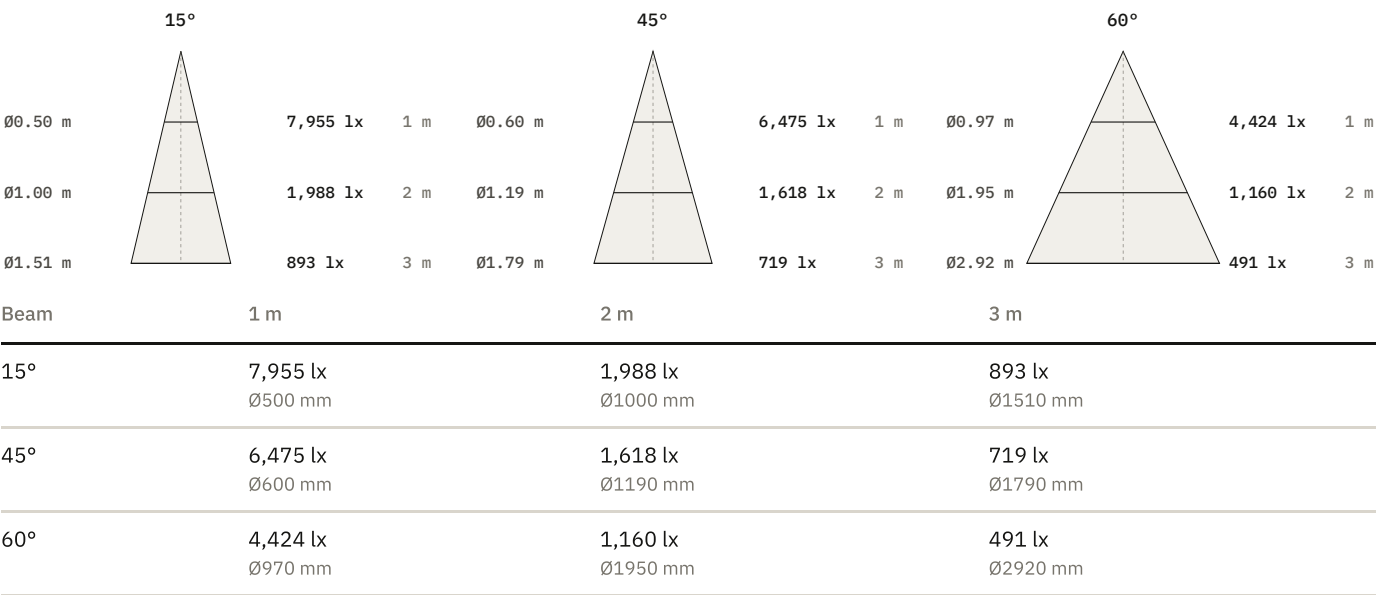
Photometric data

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



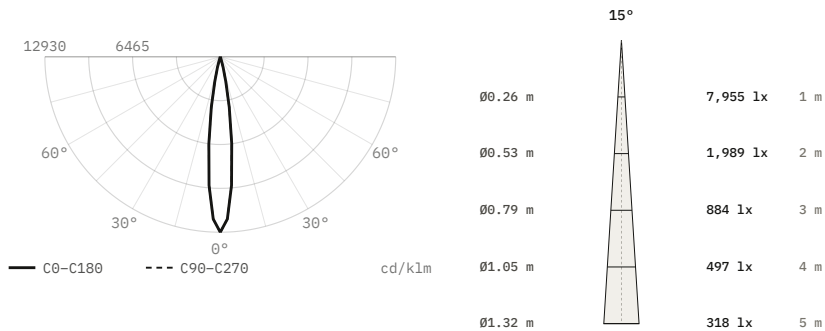
35 W



Photometry

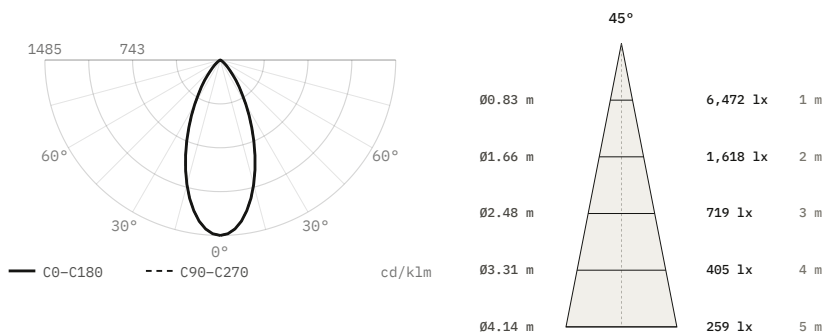
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1008, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1008, 35 W, 15° beam



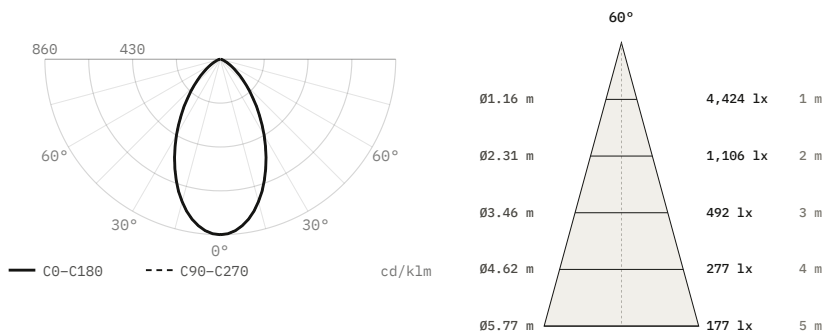
Luminous flux	615 lm
Efficacy	18 lm/W
Peak intensity	7,955 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø165 × 125 mm
Data	Calculated from catalogue data

R3-1008, 35 W, 45° beam



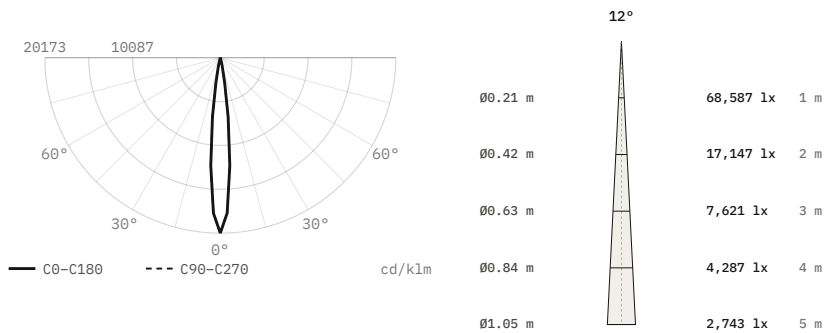
Luminous flux	4,359 lm
Efficacy	125 lm/W
Peak intensity	6,472 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø165 × 125 mm
Data	Calculated from catalogue data

R3-1008, 35 W, 60° beam



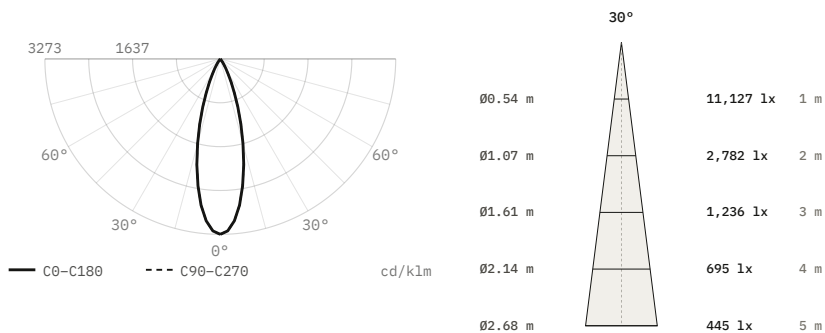
Luminous flux	5,142 lm
Efficacy	147 lm/W
Peak intensity	4,424 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø165 × 125 mm
Data	Calculated from catalogue data

R3-1008, 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	Ø165 × 125 mm
Data	Calculated from catalogue data

R3-1008, 35 W, 30° beam



Luminous flux	3,400 lm
Efficacy	97 lm/W
Peak intensity	11,127 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	Ø165 × 125 mm
Data	Calculated from catalogue data