

Recessed

R3-6456

Recessed spotlight

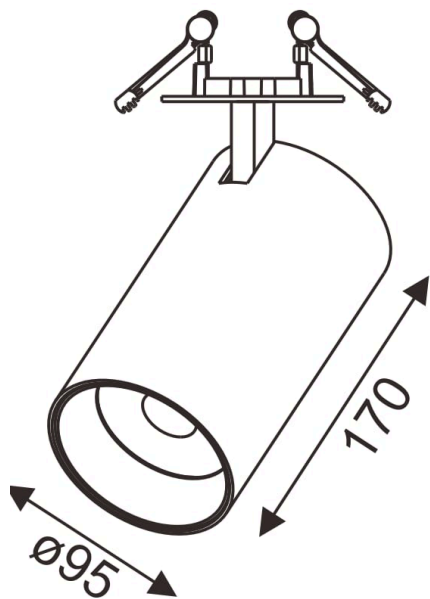


Recessed spotlight. 35 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø70 mm
- LED source: Citizen

Power 35 W	Luminous flux 3500–3600 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 60°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI-2, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



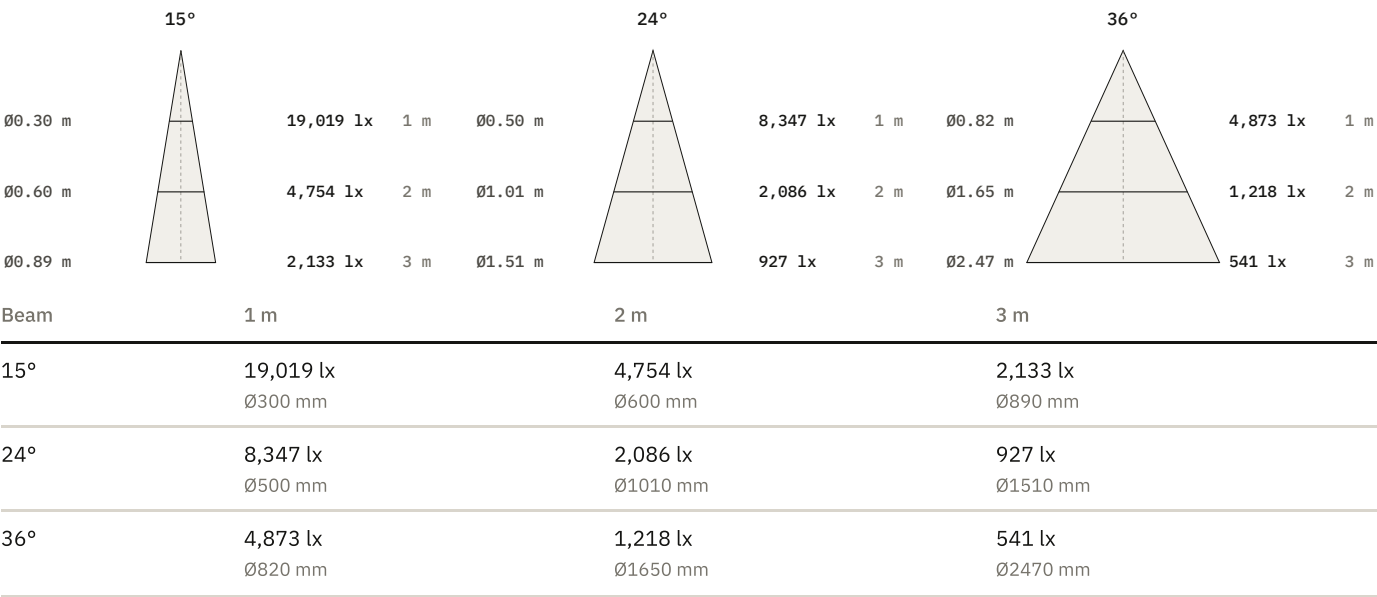
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
R3-6456	35 W	3500–3600 lm	97 CRI	Ø95 × 170 mm	Ø70 mm	15° 24° 36° 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.

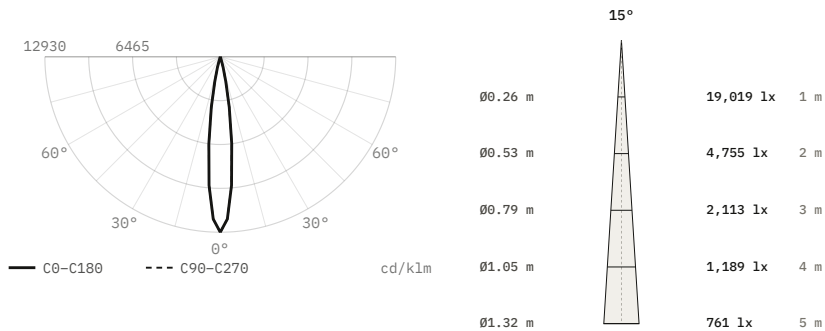
35 W



Photometry

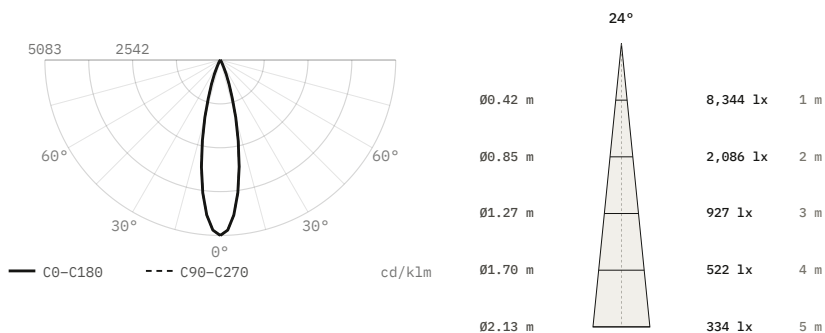
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-6456, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-6456, 35 W, 15° beam



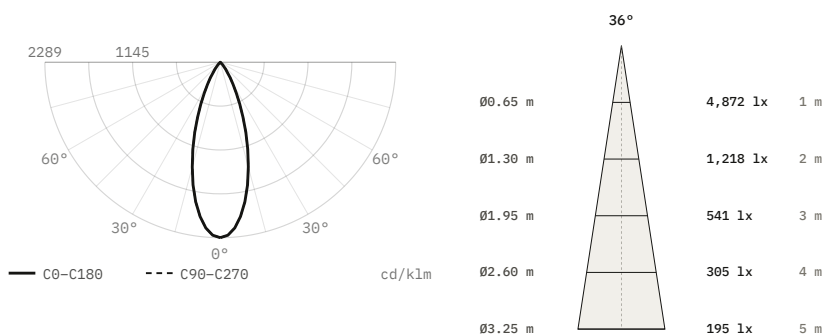
Luminous flux	1,471 lm
Efficacy	42 lm/W
Peak intensity	19,019 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø95 × 170 mm
Data	Calculated from catalogue data

R3-6456, 35 W, 24° beam



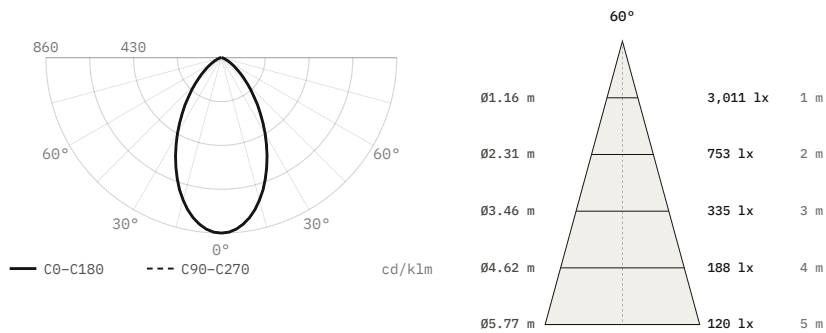
Luminous flux	1,641 lm
Efficacy	47 lm/W
Peak intensity	8,344 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø95 × 170 mm
Data	Calculated from catalogue data

R3-6456, 35 W, 36° beam



Luminous flux	2,128 lm
Efficacy	61 lm/W
Peak intensity	4,872 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	Ø95 × 170 mm
Data	Calculated from catalogue data

R3-6456, 35 W, 60° beam



Luminous flux	3,500 lm
Efficacy	100 lm/W
Peak intensity	3,011 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	Ø95 × 170 mm
Data	Calculated from catalogue data