

Recessed

R3-2102

Recessed spotlight

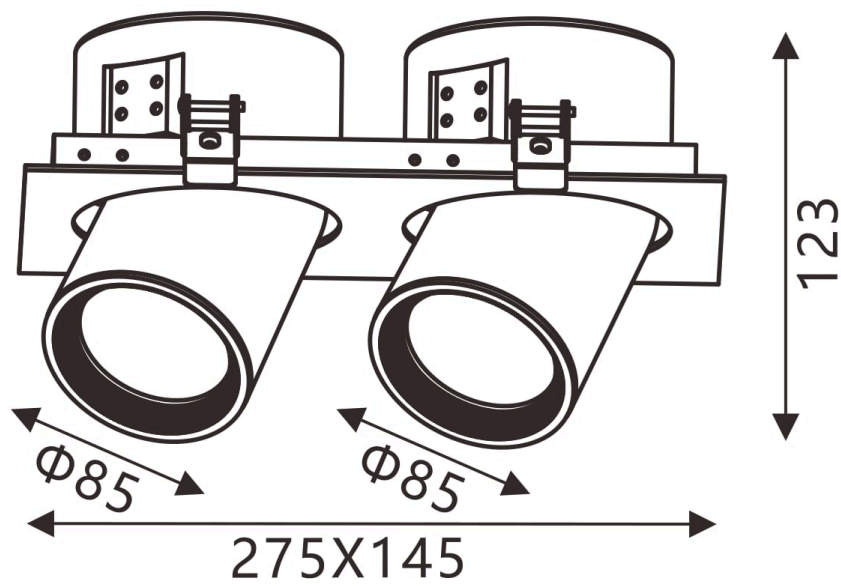


Recessed spotlight.

- Ceiling cut-out Ø260 mm
- LED source: Citizen

Voltage 220–240 V AC	Luminous flux 2 × 2800–2900 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 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	Version	Voltage	Flux	CRI	Size	Cut-out	Beam
R3-2102	2 heads, 2 × 28 W	220–240 V AC	2 × 2800–2900 lm	97 CRI	275 × 145 × 123 mm	Ø260 mm	15° 24° 40° 55°

Finishes



Black



White

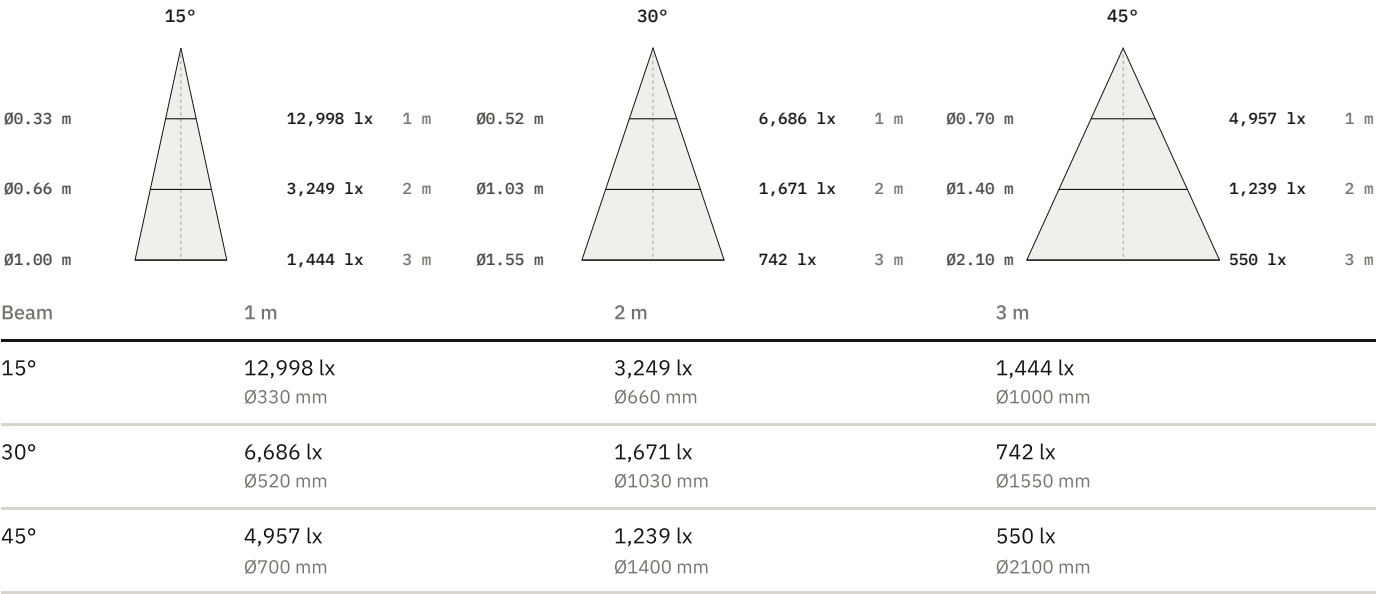


Grey

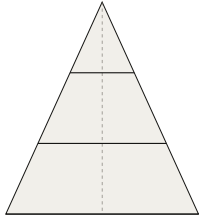
Photometric data

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.

R3-2102



45°



Ø0.70 m

Ø1.40 m

Ø2.10 m

4,957 lx

1,239 lx

550 lx

1 m

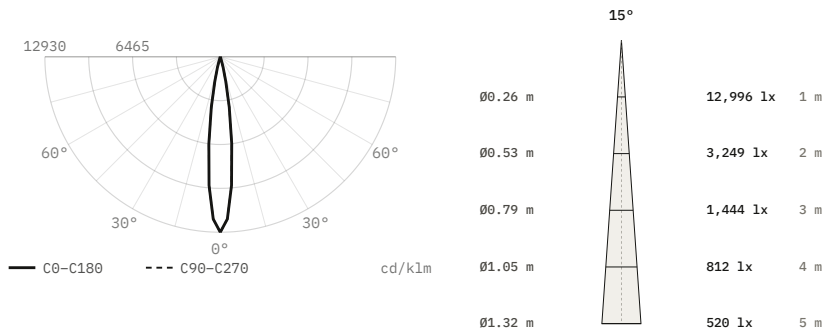
2 m

3 m

Photometry

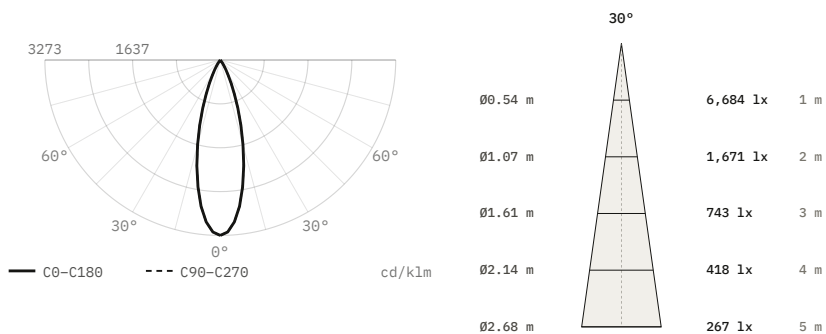
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-2102, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-2102, 15° beam



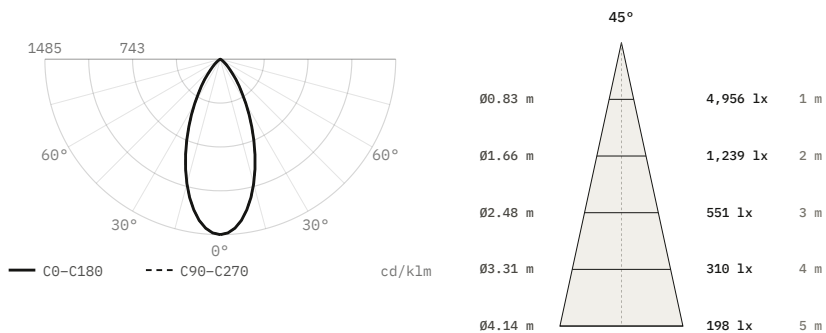
Luminous flux	1,005 lm
Peak intensity	12,996 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	275 × 145 × 123 mm
Data	Calculated from catalogue data

R3-2102, 30° beam



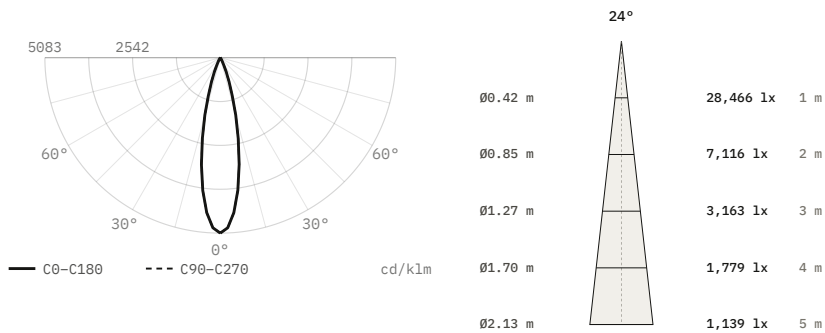
Luminous flux	2,042 lm
Peak intensity	6,684 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	275 × 145 × 123 mm
Data	Calculated from catalogue data

R3-2102, 45° beam



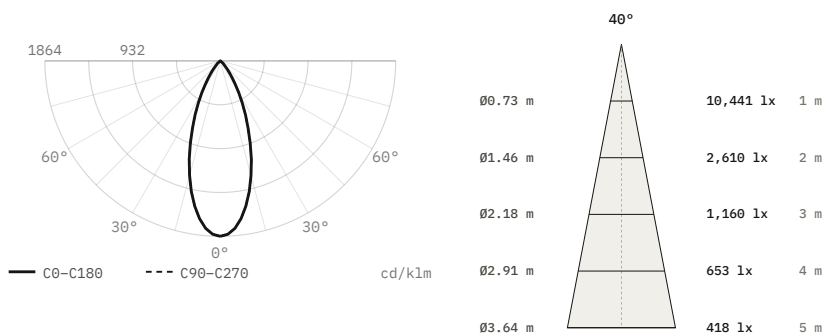
Luminous flux	3,338 lm
Peak intensity	4,956 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	275 × 145 × 123 mm
Data	Calculated from catalogue data

R3-2102, 24° beam



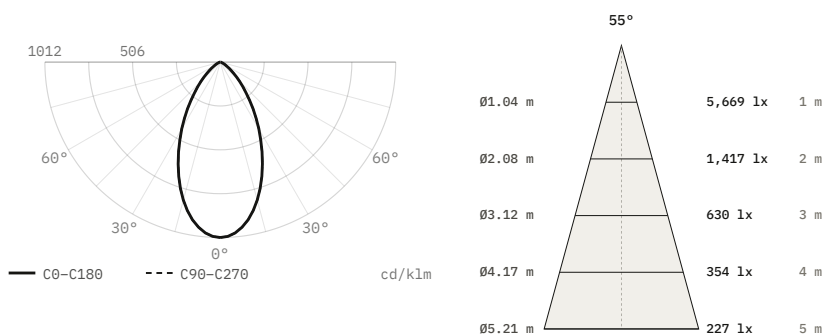
Luminous flux	5,600 lm
Peak intensity	28,466 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	275 × 145 × 123 mm
Data	Calculated from catalogue data

R3-2102, 40° beam



Luminous flux	5,600 lm
Peak intensity	10,441 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	275 × 145 × 123 mm
Data	Calculated from catalogue data

R3-2102, 55° beam



Luminous flux	5,600 lm
Peak intensity	5,669 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	275 × 145 × 123 mm
Data	Calculated from catalogue data