

Recessed

R3-4202

Recessed spotlight

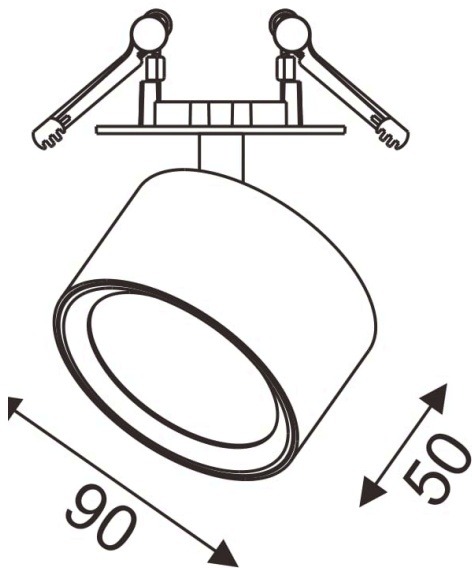


Recessed spotlight. 15 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

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

Power 15 W	Voltage 220–240 V AC	Luminous flux 1700–1800 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 On/Off, DALI, 0-10V, Triac, Casambi	Finishes White, Black, Grey	

Dimensions



Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
R3-4202	15 W	220–240 V AC	1700–1800 lm	97 CRI	Head 90 × 50 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.

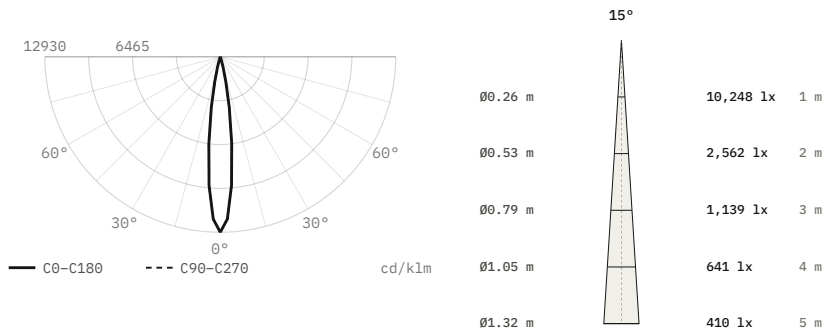
15 W

15°			24°			36°		
Ø0.22 m	10,249 lx	1 m	Ø0.36 m	7,030 lx	1 m	Ø0.63 m	3,341 lx	1 m
Ø0.44 m	2,562 lx	2 m	Ø0.73 m	1,757 lx	2 m	Ø1.26 m	835 lx	2 m
Ø0.66 m	1,138 lx	3 m	Ø1.09 m	781 lx	3 m	Ø1.88 m	371 lx	3 m
Beam	1 m		2 m			3 m		
15°	10,249 lx Ø220 mm		2,562 lx Ø440 mm			1,138 lx Ø660 mm		
24°	7,030 lx Ø360 mm		1,757 lx Ø730 mm			781 lx Ø1090 mm		
36°	3,341 lx Ø630 mm		835 lx Ø1260 mm			371 lx Ø1880 mm		

Photometry

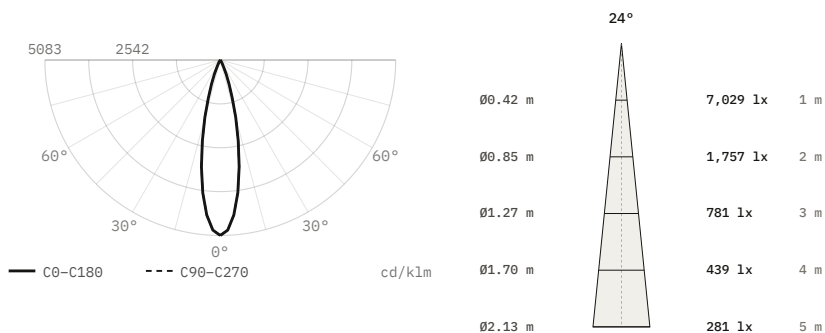
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4202, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-4202, 15 W, 15° beam



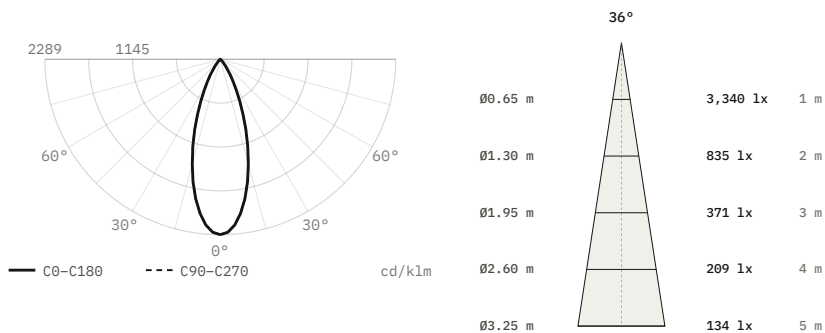
Luminous flux	793 lm
Efficacy	53 lm/W
Peak intensity	10,248 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	90 × 50 mm
Data	Calculated from catalogue data

R3-4202, 15 W, 24° beam



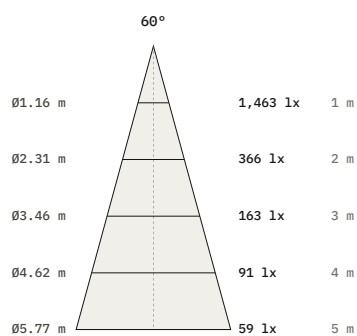
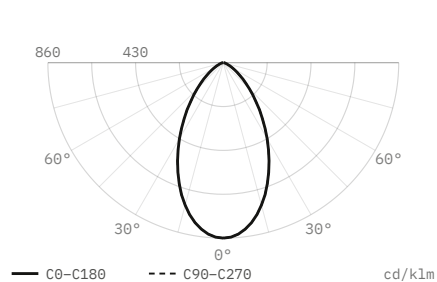
Luminous flux	1,383 lm
Efficacy	92 lm/W
Peak intensity	7,029 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	90 × 50 mm
Data	Calculated from catalogue data

R3-4202, 15 W, 36° beam



Luminous flux	1,459 lm
Efficacy	97 lm/W
Peak intensity	3,340 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	90 × 50 mm
Data	Calculated from catalogue data

R3-4202, 15 W, 60° beam



Luminous flux	1,700 lm
Efficacy	113 lm/W
Peak intensity	1,463 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	90 × 50 mm
Data	Calculated from catalogue data

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Technical data may change without notice.