

Recessed

R3-4201

Recessed spotlight

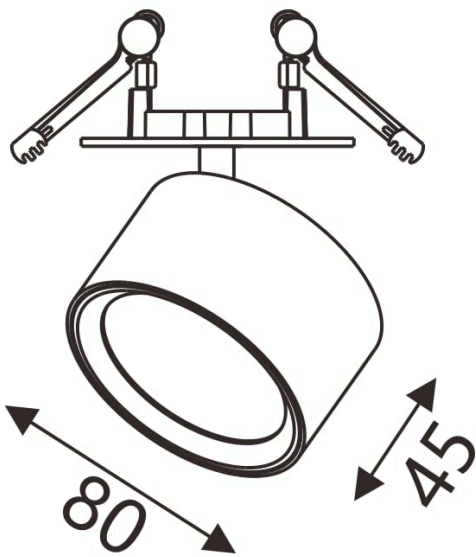


Recessed spotlight. 12 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

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

Power 12 W	Voltage 220–240 V AC	Luminous flux 1100–1300 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
R3-4201	12 W	220–240 V AC	1100–1300 lm	97 CRI	Head 80 × 45 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.

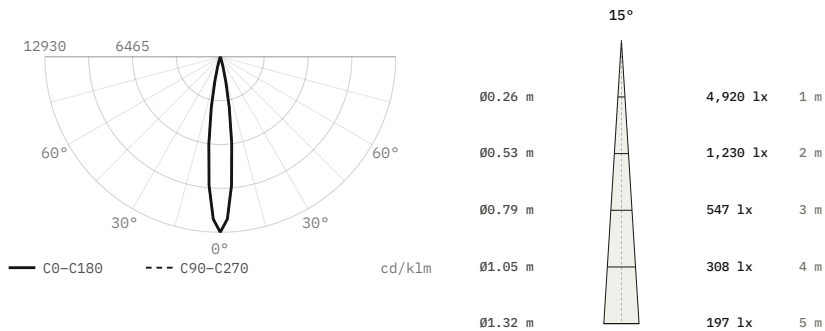
12 W

15°			24°			60°		
Ø0.29 m	4,922 lx	1 m	Ø0.37 m	3,496 lx	1 m	Ø1.19 m	1,195 lx	1 m
Ø0.58 m	1,230 lx	2 m	Ø0.74 m	874 lx	2 m	Ø2.39 m	298 lx	2 m
Ø0.87 m	546 lx	3 m	Ø1.11 m	388 lx	3 m	Ø3.58 m	132 lx	3 m
Beam	1 m		2 m			3 m		
15°	4,922 lx Ø290 mm		1,230 lx Ø580 mm			546 lx Ø870 mm		
24°	3,496 lx Ø370 mm		874 lx Ø740 mm			388 lx Ø1110 mm		
60°	1,195 lx Ø1190 mm		298 lx Ø2390 mm			132 lx Ø3580 mm		

Photometry

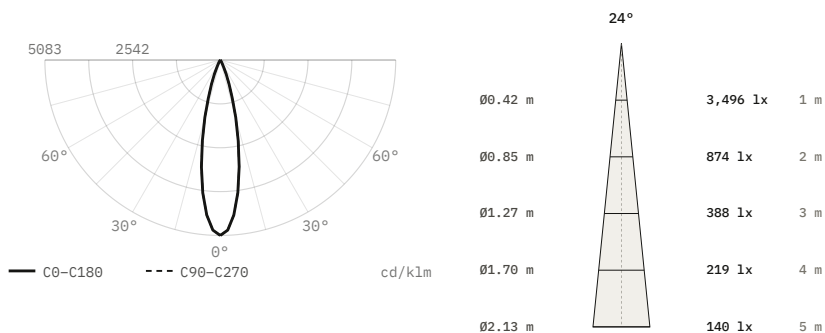
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4201, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-4201, 12 W, 15° beam



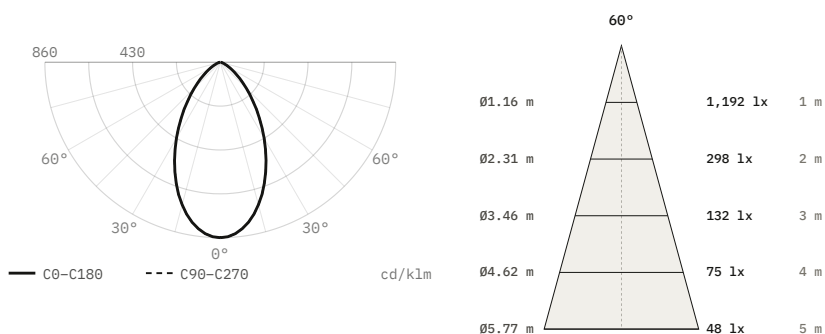
Luminous flux	381 lm
Efficacy	32 lm/W
Peak intensity	4,920 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	80 × 45 mm
Data	Calculated from catalogue data

R3-4201, 12 W, 24° beam



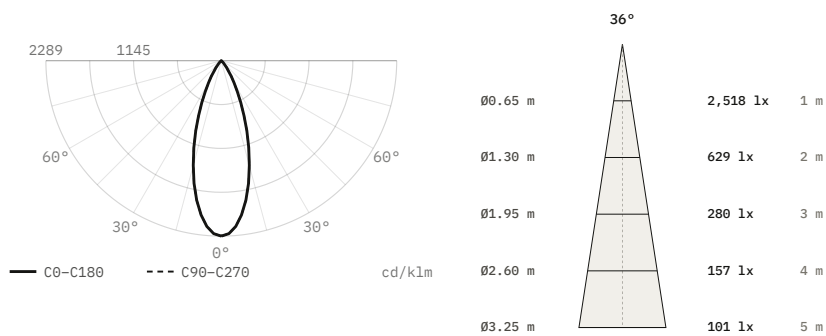
Luminous flux	688 lm
Efficacy	57 lm/W
Peak intensity	3,496 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	80 × 45 mm
Data	Calculated from catalogue data

R3-4201, 12 W, 60° beam



Luminous flux	1,386 lm
Efficacy	115 lm/W
Peak intensity	1,192 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	80 × 45 mm
Data	Calculated from catalogue data

R3-4201, 12 W, 36° beam



Luminous flux	1,100 lm
Efficacy	92 lm/W
Peak intensity	2,518 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	80 × 45 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.