

Recessed

Recessed 403xN R3-4033N

Recessed spotlight

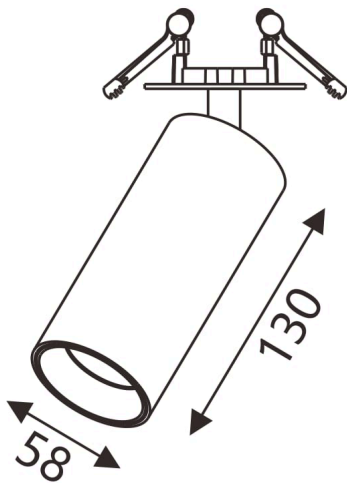


Recessed spotlight. 14 W. Five beam angles, 10° to 50°.
3000, 4000 K. 97 CRI.

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

Power 14 W	Luminous flux 1300–1500 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 10°, 15°, 24°, 36°, 50°	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
R3-4033N	14 W	1300–1500 lm	97 CRI	58 × 130 mm	Ø70 mm	10° 15° 24° 36° 50°

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.

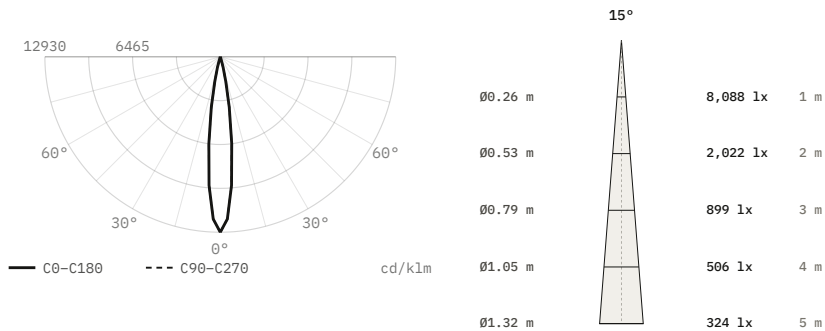
14 W

15°			24°			36°		
Ø0.35 m	8,089 lx	1 m	Ø0.47 m	6,610 lx	1 m	Ø0.74 m	2,970 lx	1 m
Ø0.71 m	2,022 lx	2 m	Ø0.93 m	1,652 lx	2 m	Ø1.49 m	742 lx	2 m
Ø1.06 m	898 lx	3 m	Ø1.40 m	734 lx	3 m	Ø2.23 m	330 lx	3 m
Beam	1 m		2 m			3 m		
15°	8,089 lx Ø350 mm		2,022 lx Ø710 mm			898 lx Ø1060 mm		
24°	6,610 lx Ø470 mm		1,652 lx Ø930 mm			734 lx Ø1400 mm		
36°	2,970 lx Ø740 mm		742 lx Ø1490 mm			330 lx Ø2230 mm		

Photometry

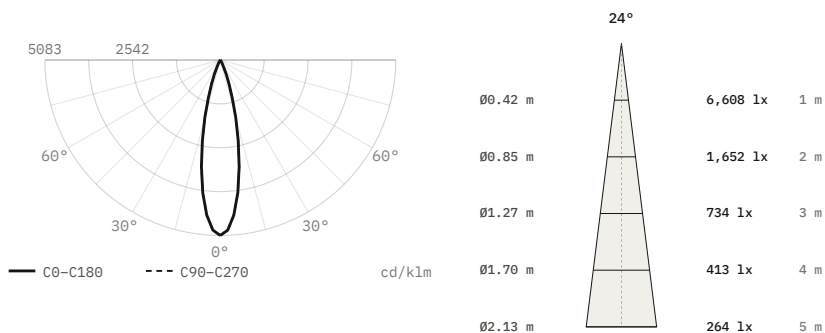
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4033N, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-4033N, 14 W, 15° beam



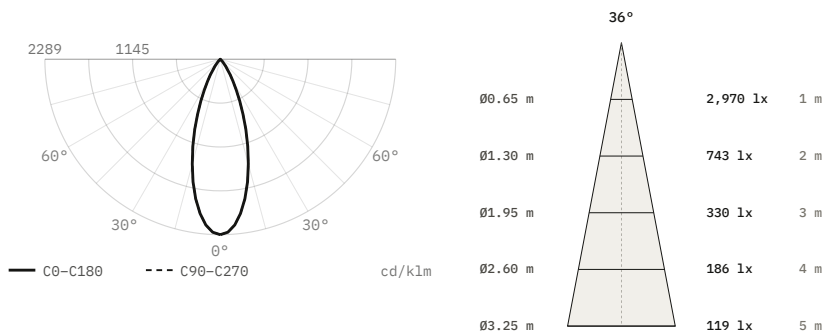
Luminous flux	626 lm
Efficacy	45 lm/W
Peak intensity	8,088 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	130 × 58 mm
Data	Calculated from catalogue data

R3-4033N, 14 W, 24° beam



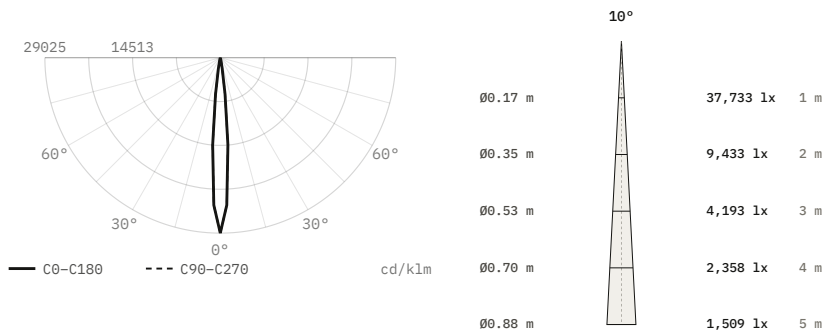
Luminous flux	1,300 lm
Efficacy	93 lm/W
Peak intensity	6,608 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	130 × 58 mm
Data	Calculated from catalogue data

R3-4033N, 14 W, 36° beam



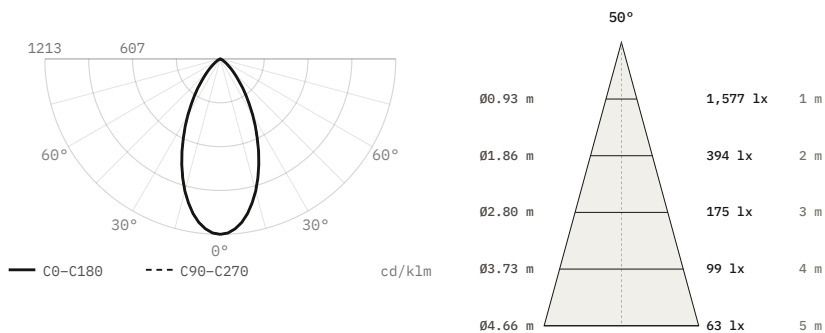
Luminous flux	1,297 lm
Efficacy	93 lm/W
Peak intensity	2,970 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	130 × 58 mm
Data	Calculated from catalogue data

R3-4033N, 14 W, 10° beam



Luminous flux	1,300 lm
Efficacy	93 lm/W
Peak intensity	37,733 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	130 × 58 mm
Data	Calculated from catalogue data

R3-4033N, 14 W, 50° beam



Luminous flux	1,300 lm
Efficacy	93 lm/W
Peak intensity	1,577 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	130 × 58 mm
Data	Calculated from catalogue data

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Technical data may change without notice.