

Recessed

Recessed 403xN R3-4034N

Recessed spotlight

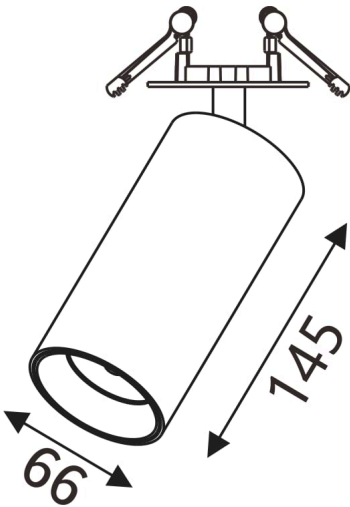


Recessed spotlight. 20 W. Five beam angles, 10° to 50°.
3000, 4000 K. 97 CRI.

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

Power 20 W	Luminous flux 2000–2200 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
R3-4034N	20 W	2000–2200 lm	97 CRI	66 × 145 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.

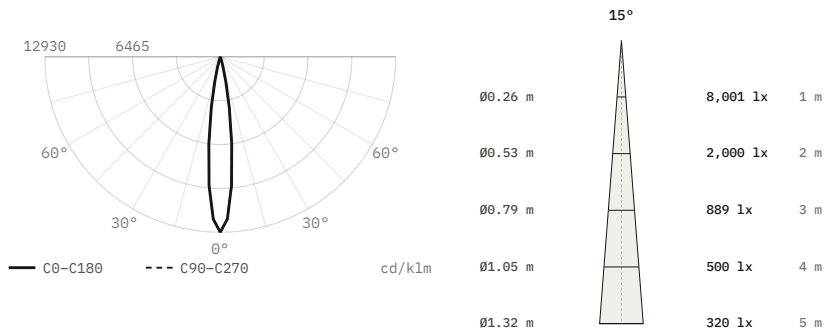
20 W

15°			24°			36°		
Ø0.46 m	8,002 lx	1 m	Ø0.57 m	5,935 lx	1 m	Ø0.82 m	3,401 lx	1 m
Ø0.91 m	2,000 lx	2 m	Ø1.14 m	1,483 lx	2 m	Ø1.63 m	850 lx	2 m
Ø1.37 m	889 lx	3 m	Ø1.71 m	659 lx	3 m	Ø2.45 m	377 lx	3 m
Beam	1 m		2 m			3 m		
15°	8,002 lx Ø460 mm		2,000 lx Ø910 mm			889 lx Ø1370 mm		
24°	5,935 lx Ø570 mm		1,483 lx Ø1140 mm			659 lx Ø1710 mm		
36°	3,401 lx Ø820 mm		850 lx Ø1630 mm			377 lx Ø2450 mm		

Photometry

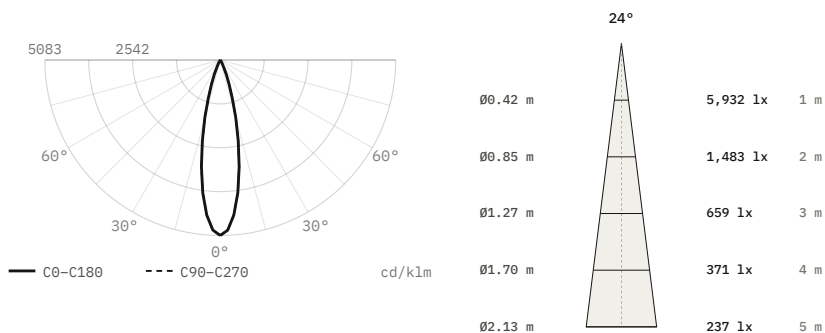
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4034N, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-4034N, 20 W, 15° beam



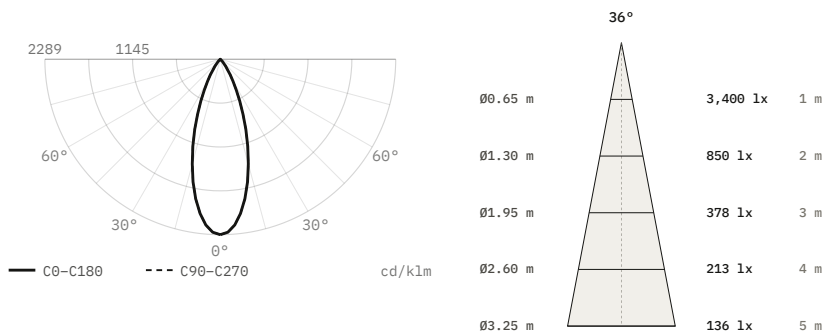
Luminous flux	619 lm
Efficacy	31 lm/W
Peak intensity	8,001 cd, 12,930 cd/k1m
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	145 × 66 mm
Data	Calculated from catalogue data

R3-4034N, 20 W, 24° beam



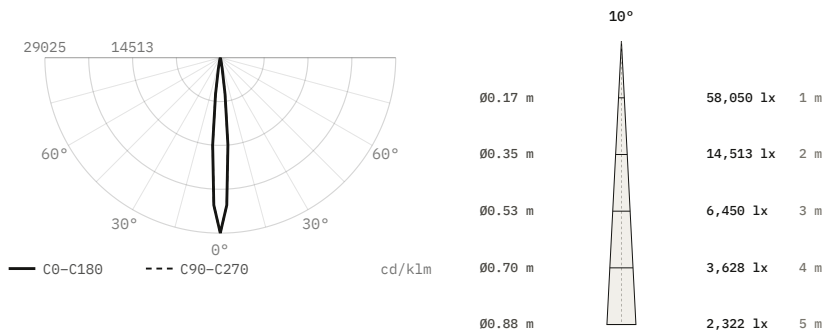
Luminous flux	1,167 lm
Efficacy	58 lm/W
Peak intensity	5,932 cd, 5,083 cd/k1m
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	145 × 66 mm
Data	Calculated from catalogue data

R3-4034N, 20 W, 36° beam



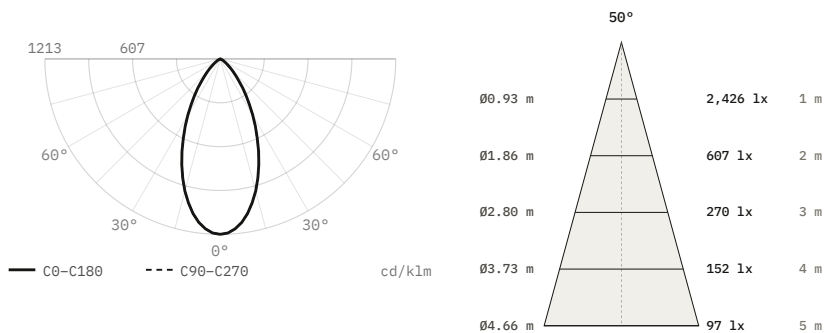
Luminous flux	1,485 lm
Efficacy	74 lm/W
Peak intensity	3,400 cd, 2,289 cd/k1m
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	145 × 66 mm
Data	Calculated from catalogue data

R3-4034N, 20 W, 10° beam



Luminous flux	2,000 lm
Efficacy	100 lm/W
Peak intensity	58,050 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	145 × 66 mm
Data	Calculated from catalogue data

R3-4034N, 20 W, 50° beam



Luminous flux	2,000 lm
Efficacy	100 lm/W
Peak intensity	2,426 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	145 × 66 mm
Data	Calculated from catalogue data

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Technical data may change without notice.