

Recessed

R3-1033

Recessed spotlight

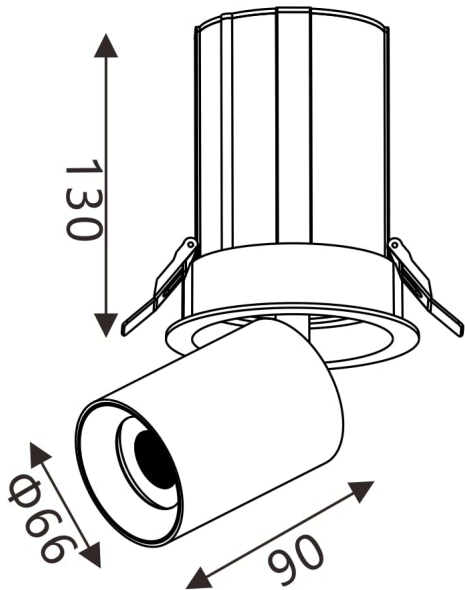


Recessed spotlight. 18 W. Three beam angles, 15° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø95 mm
- LED source: Citizen

Power 18 W	Voltage 220–240 V AC	Luminous flux 1800–1900 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°
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
R3-1033	18 W	220–240 V AC	1800–1900 lm	97 CRI	Housing 130 mm high; pull-out head Ø66 × 90 mm	Ø95 mm	15° 24° 36°

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.

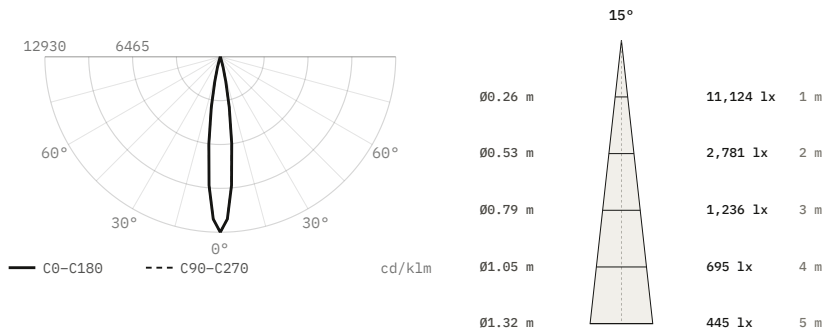
18 W

15°			24°			36°		
Ø0.35 m	11,127 lx	1 m	Ø0.46 m	9,209 lx	1 m	Ø0.74 m	4,076 lx	1 m
Ø0.71 m	2,781 lx	2 m	Ø0.93 m	2,302 lx	2 m	Ø1.49 m	1,019 lx	2 m
Ø1.06 m	1,236 lx	3 m	Ø1.39 m	1,023 lx	3 m	Ø2.23 m	452 lx	3 m
Beam	1 m		2 m			3 m		
15°	11,127 lx Ø350 mm		2,781 lx Ø710 mm			1,236 lx Ø1060 mm		
24°	9,209 lx Ø460 mm		2,302 lx Ø930 mm			1,023 lx Ø1390 mm		
36°	4,076 lx Ø740 mm		1,019 lx Ø1490 mm			452 lx Ø2230 mm		

Photometry

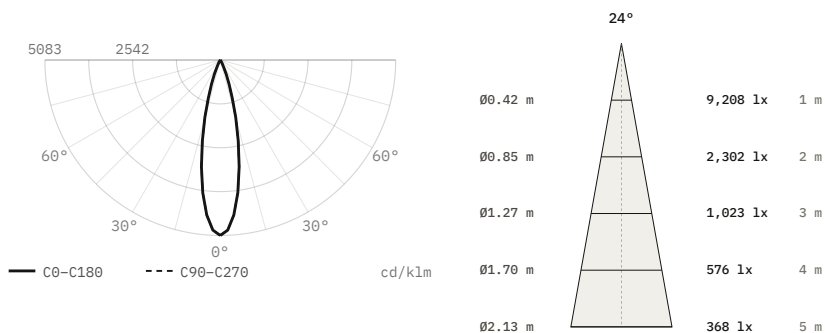
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1033, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1033, 18 W, 15° beam



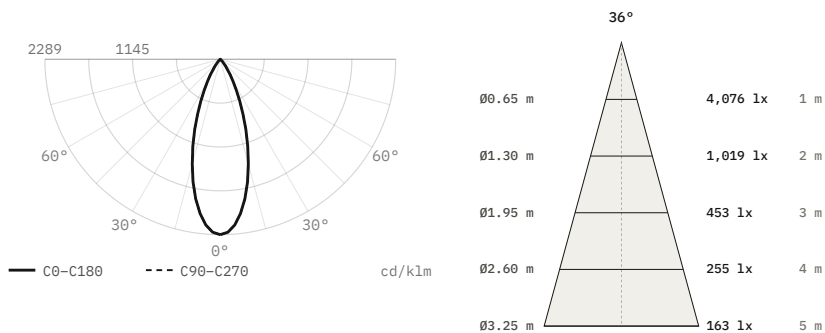
Luminous flux	860 lm
Efficacy	48 lm/W
Peak intensity	11,124 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	130 × 0 mm
Data	Calculated from catalogue data

R3-1033, 18 W, 24° beam



Luminous flux	1,811 lm
Efficacy	101 lm/W
Peak intensity	9,208 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 × 0 mm
Data	Calculated from catalogue data

R3-1033, 18 W, 36° beam



Luminous flux	1,781 lm
Efficacy	99 lm/W
Peak intensity	4,076 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 × 0 mm
Data	Calculated from catalogue data

