

Recessed

R3-4082

Recessed spotlight

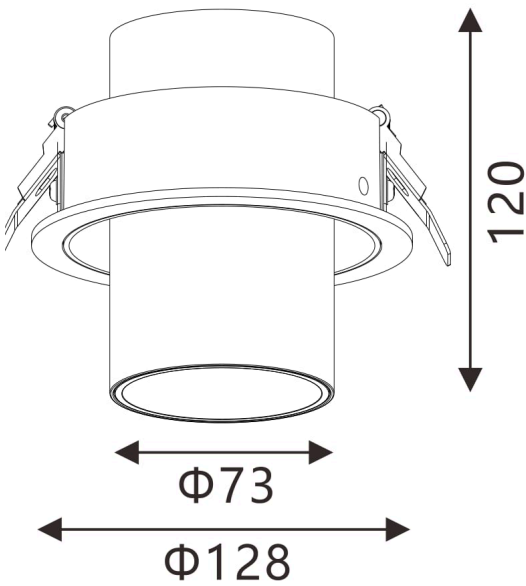


Recessed spotlight. 24 W. Three beam angles, 18° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø120 mm
- LED source: Citizen

Power 24 W	Voltage 220–240 V AC	Luminous flux 1900–2000 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 18°, 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
R3-4082	24 W	220–240 V AC	1900–2000 lm	97 CRI	Ø128 flange x 120 mm; cylinder Ø73 mm	Ø120 mm	18° 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.

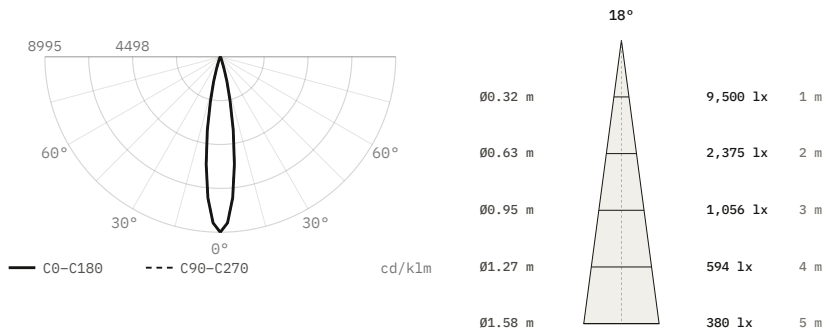
24 W

18°			24°			36°		
Ø0.33 m	9,501 lx	1 m	Ø0.38 m	8,423 lx	1 m	Ø0.61 m	4,569 lx	1 m
Ø0.66 m	2,375 lx	2 m	Ø0.75 m	2,105 lx	2 m	Ø1.22 m	1,142 lx	2 m
Ø0.99 m	1,055 lx	3 m	Ø1.13 m	935 lx	3 m	Ø1.83 m	507 lx	3 m
Beam	1 m		2 m			3 m		
18°	9,501 lx Ø330 mm		2,375 lx Ø660 mm			1,055 lx Ø990 mm		
24°	8,423 lx Ø380 mm		2,105 lx Ø750 mm			935 lx Ø1130 mm		
36°	4,569 lx Ø610 mm		1,142 lx Ø1220 mm			507 lx Ø1830 mm		

Photometry

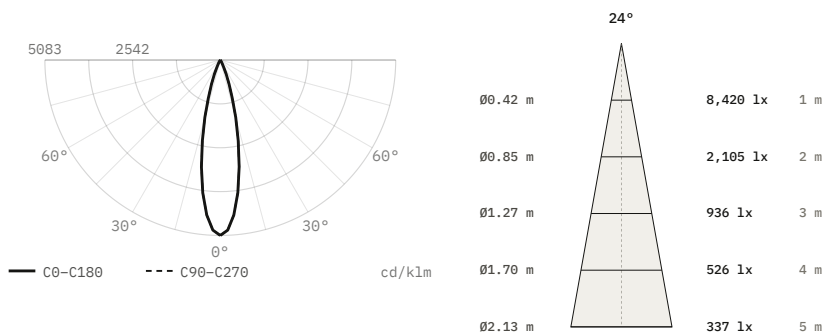
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4082, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-4082, 24 W, 18° beam



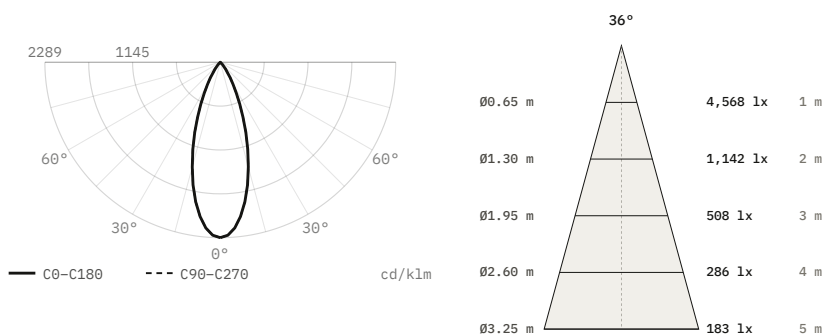
Luminous flux	1,056 lm
Efficacy	44 lm/W
Peak intensity	9,500 cd, 8,995 cd/klm
Beam angle (50%)	18°
Field angle (10%)	32.8°
Cut-off angle (2.5%)	20.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø128 × 120 mm
Data	Calculated from catalogue data

R3-4082, 24 W, 24° beam



Luminous flux	1,656 lm
Efficacy	69 lm/W
Peak intensity	8,420 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	Ø128 × 120 mm
Data	Calculated from catalogue data

R3-4082, 24 W, 36° beam



Luminous flux	1,996 lm
Efficacy	83 lm/W
Peak intensity	4,568 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	Ø128 × 120 mm
Data	Calculated from catalogue data

