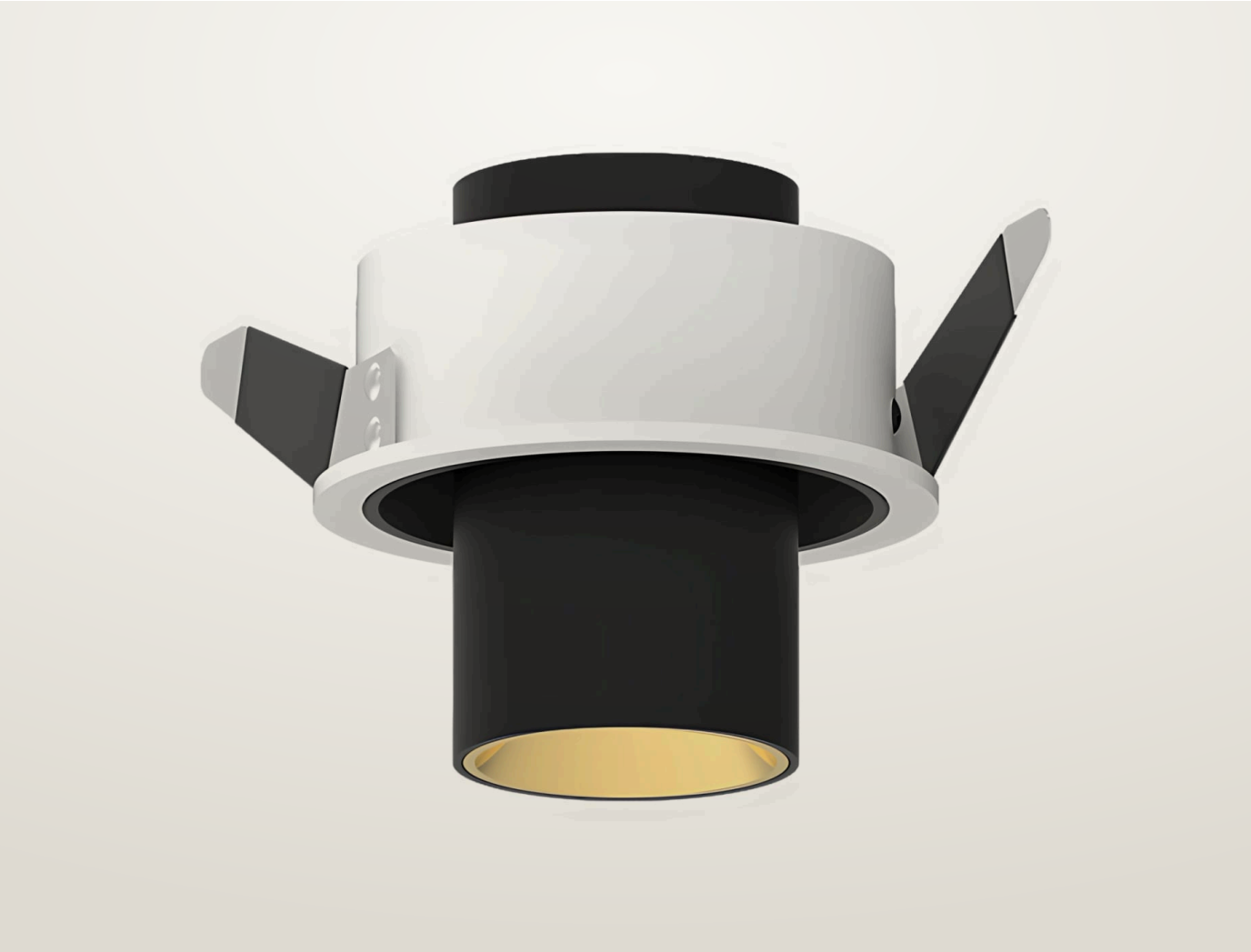
Recessed

R3-4081

Recessed spotlight

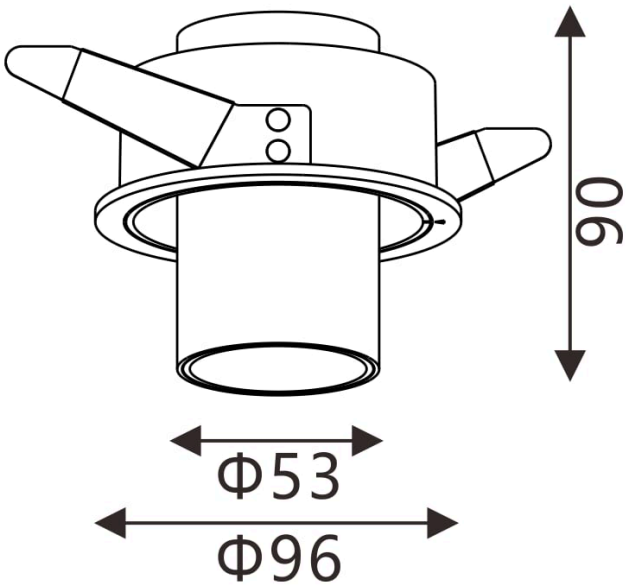


Recessed spotlight. 14 W. Three beam angles, 18° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø90 mm
- LED source: Citizen

Power **14 W**	Voltage **220–240 V AC**	Luminous flux **1100–1200 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



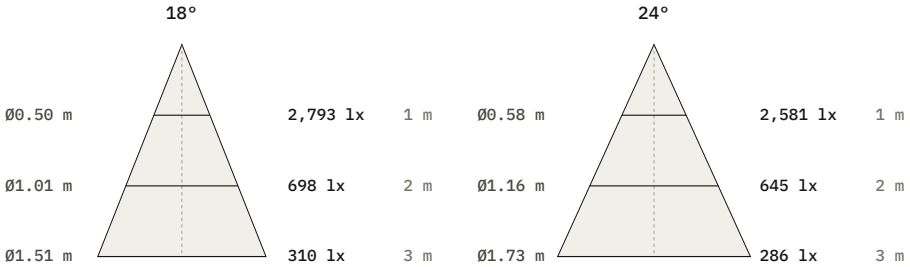
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
R3-4081	14 W	220–240 V AC	1100–1200 lm	97 CRI	Ø96 flange x 90 mm; cylinder Ø53 mm	Ø90 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.

14 W

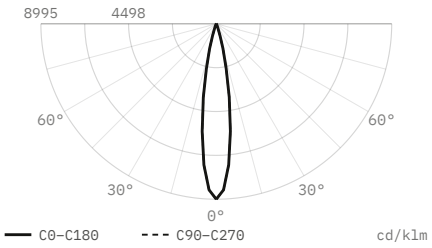


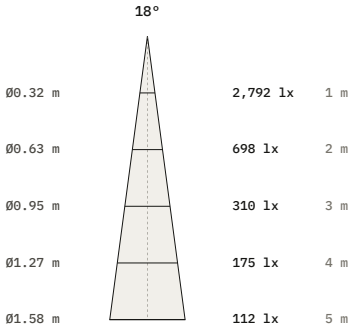
Beam	1 m	2 m	3 m
18°	2,793 lx Ø500 mm	698 lx Ø1010 mm	310 lx Ø1510 mm
24°	2,581 lx Ø580 mm	645 lx Ø1160 mm	286 lx Ø1730 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4081, 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.

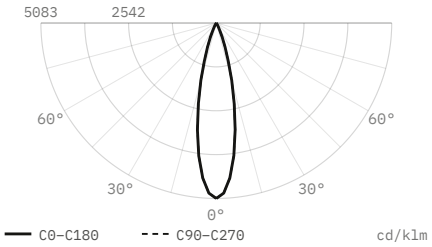
R3-4081, 14 W, 18° beam

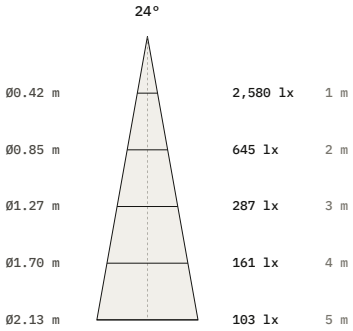




Luminous flux	310 lm
Efficacy	22 lm/W
Peak intensity	2,792 cd, 8,995 cd/klm
Beam angle (50%)	18°
Field angle (10%)	32.8°
Cut-off angle (2.5%)	20.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø96 × 90 mm
Data	Calculated from catalogue data

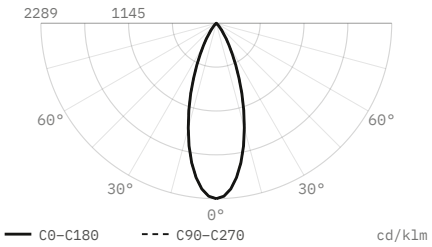
R3-4081, 14 W, 24° beam

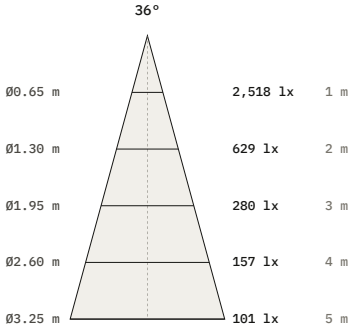




Luminous flux	508 lm
Efficacy	36 lm/W
Peak intensity	2,580 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø96 × 90 mm
Data	Calculated from catalogue data

R3-4081, 14 W, 36° beam





Luminous flux	1,100 lm
Efficacy	79 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	Ø96 × 90 mm
Data	Calculated from catalogue data

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Technical data may change without notice.