Recessed

R3-2101

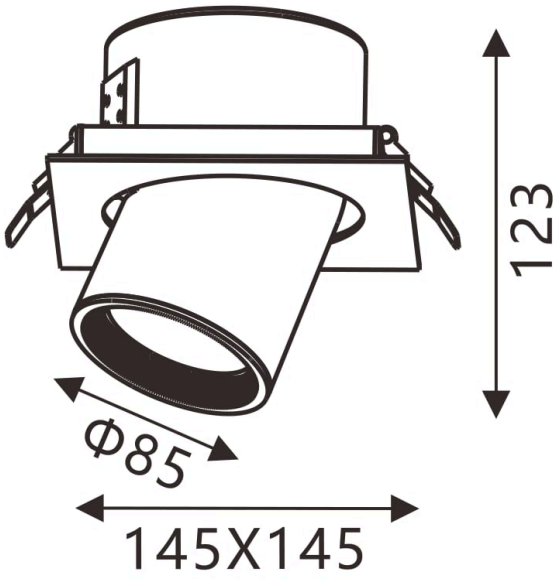
Recessed spotlight

Recessed spotlight. 28 W. Four beam angles, 15° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø135 mm
- LED source: Citizen

Power **28 W**	Voltage **220–240 V AC**	Luminous flux **2800–2900 lm**
Colour temperature **3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 45°, 55°**
IP rating **IP20**	Certifications **CE, RoHS, EMC, LVD**	Mounting **Recessed**
Control **On/Off, DALI, 0-10V, Triac, Casambi**	Finishes **White, Black, Grey**	

Dimensions



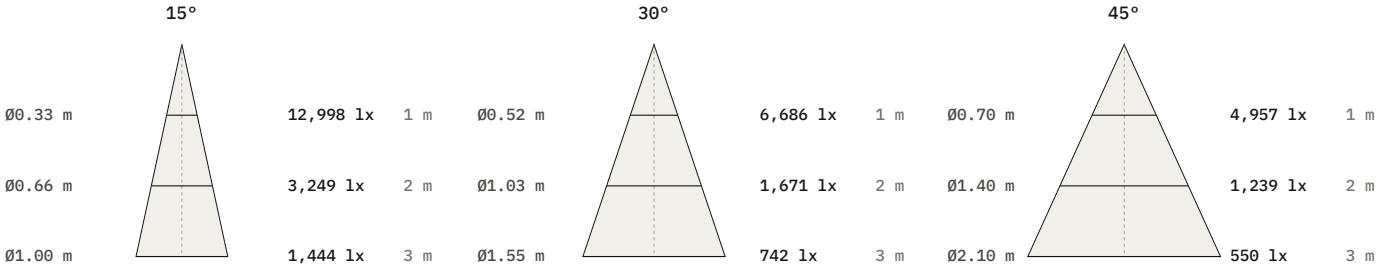
Models

Code	Version	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
R3-2101	1 head	28 W	220–240 V AC	2800–2900 lm	97 CRI	145 × 145 × 123 mm	Ø135 mm	15° 24° 45° 55°

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.

28 W

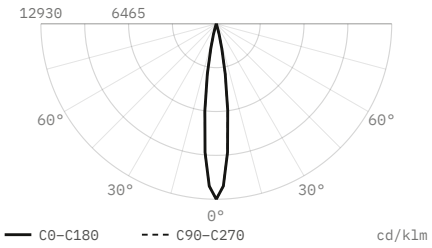


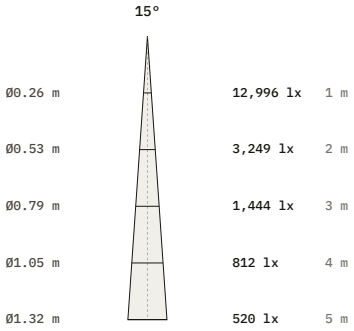
Beam	1 m	2 m	3 m
15°	12,998 lx Ø330 mm	3,249 lx Ø660 mm	1,444 lx Ø1000 mm
30°	6,686 lx Ø520 mm	1,671 lx Ø1030 mm	742 lx Ø1550 mm
45°	4,957 lx Ø700 mm	1,239 lx Ø1400 mm	550 lx Ø2100 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-2101, 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.

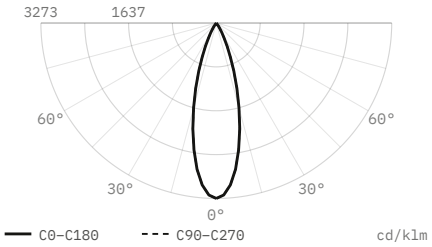
R3-2101, 28 W, 15° beam

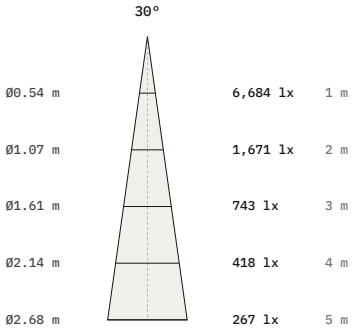




Luminous flux	1,005 lm
Efficacy	36 lm/W
Peak intensity	12,996 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	145 × 145 × 123 mm
Data	Calculated from catalogue data

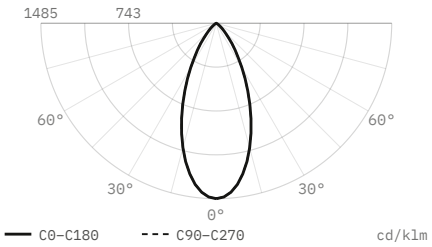
R3-2101, 28 W, 30° beam

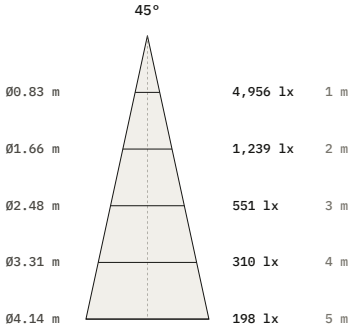




Luminous flux	2,042 lm
Efficacy	73 lm/W
Peak intensity	6,684 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	145 × 145 × 123 mm
Data	Calculated from catalogue data

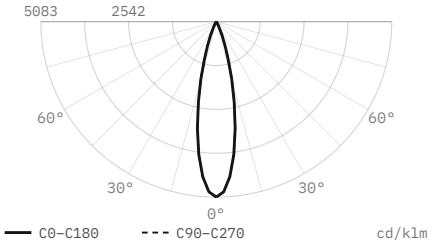
R3-2101, 28 W, 45° beam

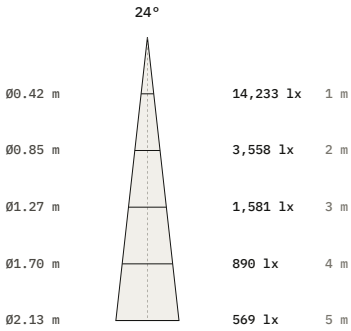




Luminous flux	3,338 lm
Efficacy	119 lm/W
Peak intensity	4,956 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	145 × 145 × 123 mm
Data	Calculated from catalogue data

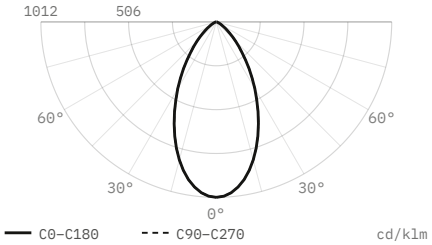
R3-2101, 28 W, 24° beam

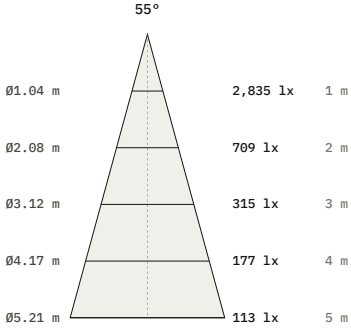




Luminous flux	2,800 lm
Efficacy	100 lm/W
Peak intensity	14,233 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	145 × 145 × 123 mm
Data	Calculated from catalogue data

R3-2101, 28 W, 55° beam





Luminous flux	2,800 lm
Efficacy	100 lm/W
Peak intensity	2,835 cd, 1,012 cd/klm
Beam angle (50%)	55°
Field angle (10%)	100.2°
Cut-off angle (2.5%)	63°
Flux 0–30° / 30–60° / 60–90°	58.2 / 38.8 / 3 %
Size	145 × 145 × 123 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.