Downlights

R3-4092

Recessed spotlight

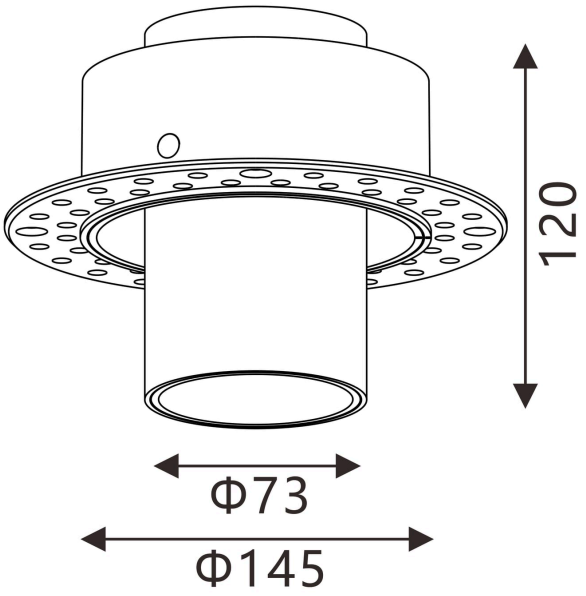


Recessed spotlight. 24 W. Three beam angles, 18° to 36°. 2700, 3000, 4000 K. 97 CRI.

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

Power **24 W**	Voltage **220–240 V AC**	Luminous flux **1900–2000 lm**
Colour temperature **2700 K, 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
R3-4092	24 W	220–240 V AC	1900–2000 lm	97 CRI	Ø145 flange x 120 mm; cylinder Ø73 mm	Ø120 mm	18° 24° 36°

Finishes


Black

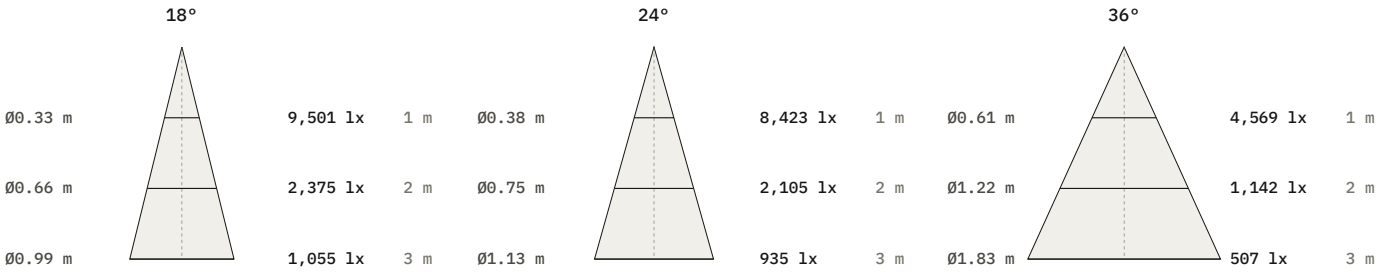

White


Grey

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

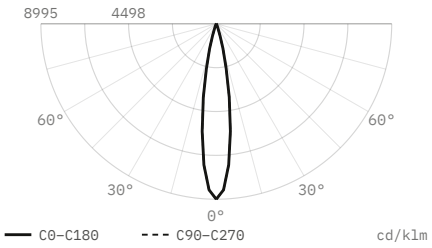


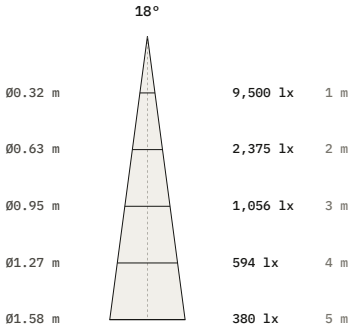
Beam	1 m	2 m	3 m
18°	9,501 lx Ø330 mm	2,375 lx Ø660 mm	1,055 lx Ø990 mm
24°	8,423 lx Ø380 mm	2,105 lx Ø750 mm	935 lx Ø1130 mm
36°	4,569 lx Ø610 mm	1,142 lx Ø1220 mm	507 lx Ø1830 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-4092, 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.

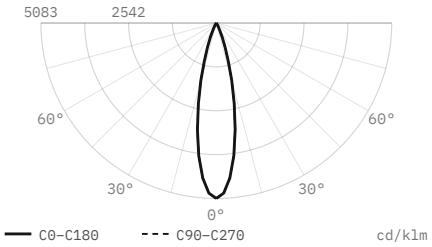
R3-4092, 24 W, 18° beam

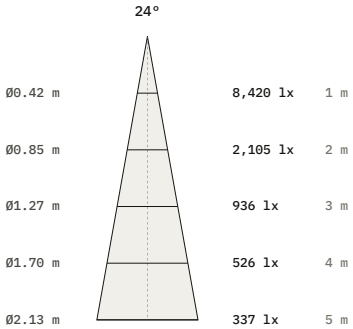




Luminous flux	1,056 lm
Efficacy	44 lm/W
Peak intensity	9,500 cd, 8,995 cd/klm
Beam angle (50%)	18°
Field angle (10%)	32.8°
Cut-off angle (2.5%)	20.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø145 × 120 mm
Data	Calculated from catalogue data

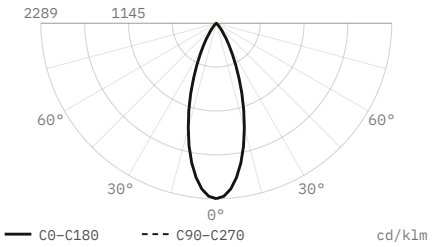
R3-4092, 24 W, 24° beam

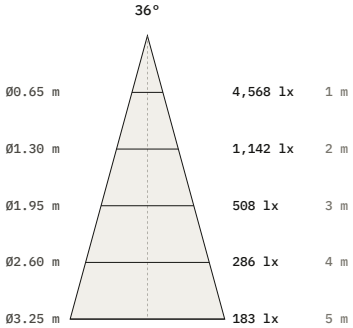




Luminous flux	1,656 lm
Efficacy	69 lm/W
Peak intensity	8,420 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø145 × 120 mm
Data	Calculated from catalogue data

R3-4092, 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	Ø145 × 120 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.