

Recessed

D3-4427H-TRA-3

Recessed spotlight

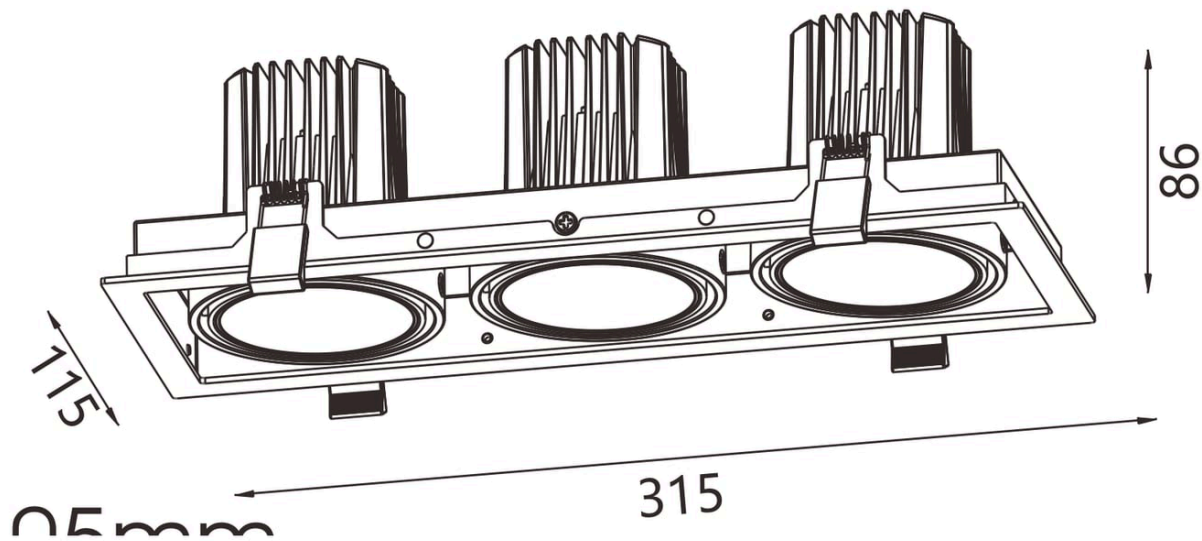


Recessed spotlight. 54 W. Four beam angles, 15° to 50°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø105 mm
- LED source: Citizen

Power 54 W	Luminous flux 3 × 1700–1800 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



Models

Code	Version	Power	Flux	CRI	Size	Cut-out	Beam
D3-4427H-TRA-3	3 heads, trim adjustable (TRA)	54 W	3 × 1700–1800 lm	97 CRI	L315 x W115 x H86 mm	Ø105 mm	15° 24° 36° 50°

Finishes



Black



White

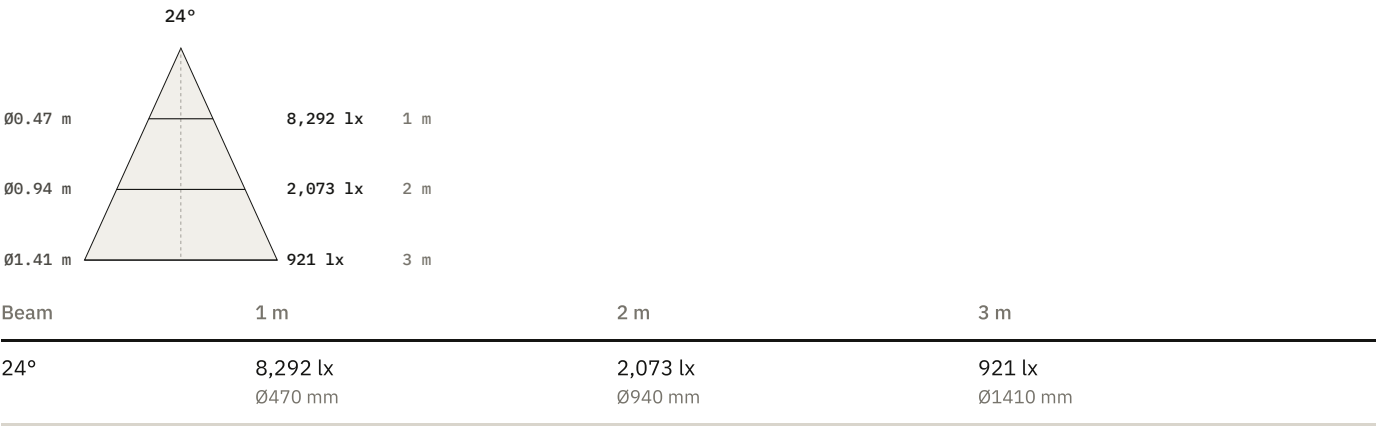


Grey

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.

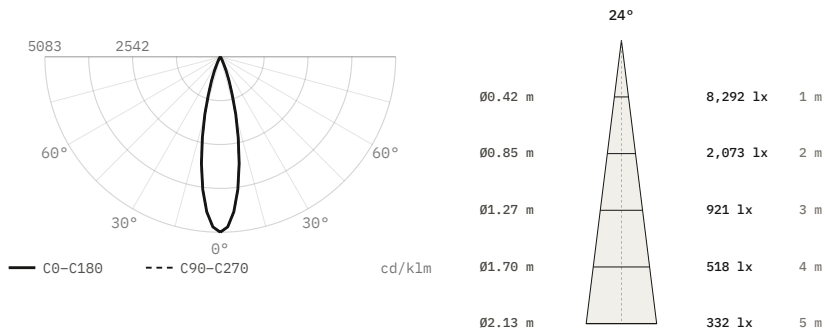
54 W



Photometry

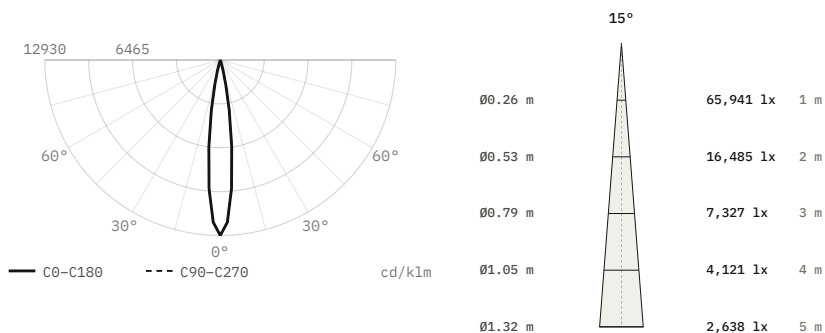
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4427H-TRA-3, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4427H-TRA-3, 54 W, 24° beam



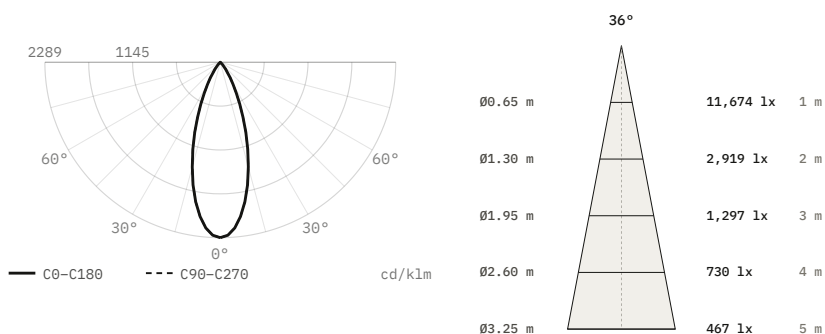
Luminous flux	1,631 lm
Efficacy	30 lm/W
Peak intensity	8,292 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	315 × 115 × 86 mm
Data	Calculated from catalogue data

D3-4427H-TRA-3, 54 W, 15° beam



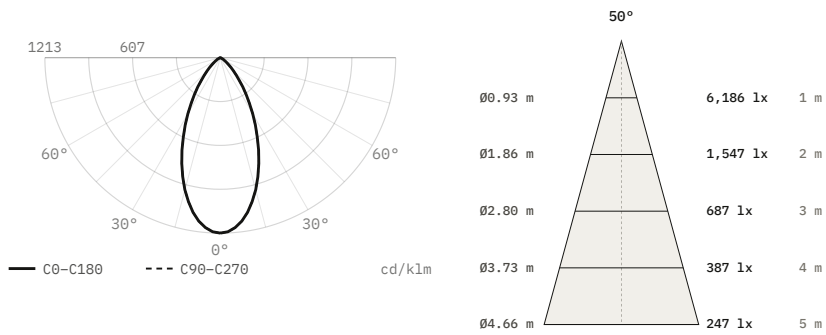
Luminous flux	5,100 lm
Efficacy	94 lm/W
Peak intensity	65,941 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	315 × 115 × 86 mm
Data	Calculated from catalogue data

D3-4427H-TRA-3, 54 W, 36° beam



Luminous flux	5,100 lm
Efficacy	94 lm/W
Peak intensity	11,674 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	315 × 115 × 86 mm
Data	Calculated from catalogue data

D3-4427H-TRA-3, 54 W, 50° beam



Luminous flux	5,100 lm
Efficacy	94 lm/W
Peak intensity	6,186 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0-30° / 30-60° / 60-90°	64.8 / 33.6 / 1.5 %
Size	315 × 115 × 86 mm
Data	Calculated from catalogue data