

Track spotlights

S3-4242

Track spotlight



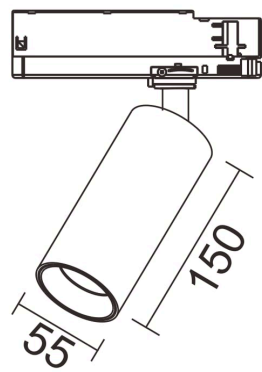
Track spotlight. 24 W. Four beam angles, 15° to 50°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 24 W	Luminous flux 2200–2400 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 Magnetic track	Control DALI, 0-10V, Triac, Casambi

Finishes
White, Black, Grey

Dimensions



Models

Code	Power	Flux	CRI	Size	Beam
S3-4242	24 W	2200–2400 lm	97 CRI	55 × 150 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.

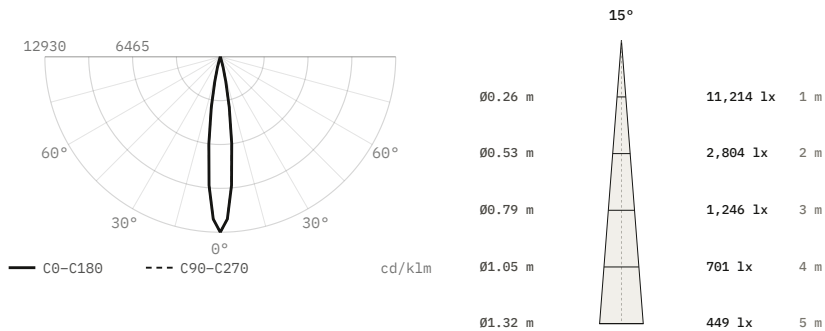
24 W

15°			24°			36°		
Ø0.39 m	11,215 lx	1 m	Ø0.58 m	7,444 lx	1 m	Ø0.82 m	4,195 lx	1 m
Ø0.79 m	2,803 lx	2 m	Ø1.17 m	1,861 lx	2 m	Ø1.64 m	1,048 lx	2 m
Ø1.18 m	1,246 lx	3 m	Ø1.75 m	827 lx	3 m	Ø2.46 m	466 lx	3 m
Beam	1 m		2 m			3 m		
15°	11,215 lx Ø390 mm		2,803 lx Ø790 mm			1,246 lx Ø1180 mm		
24°	7,444 lx Ø580 mm		1,861 lx Ø1170 mm			827 lx Ø1750 mm		
36°	4,195 lx Ø820 mm		1,048 lx Ø1640 mm			466 lx Ø2460 mm		

Photometry

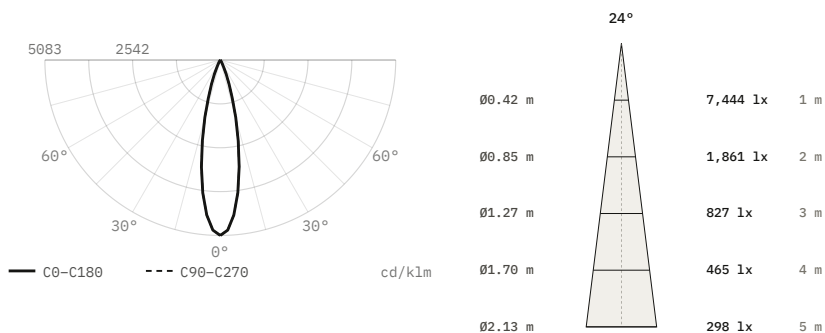
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-4242, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-4242, 24 W, 15° beam



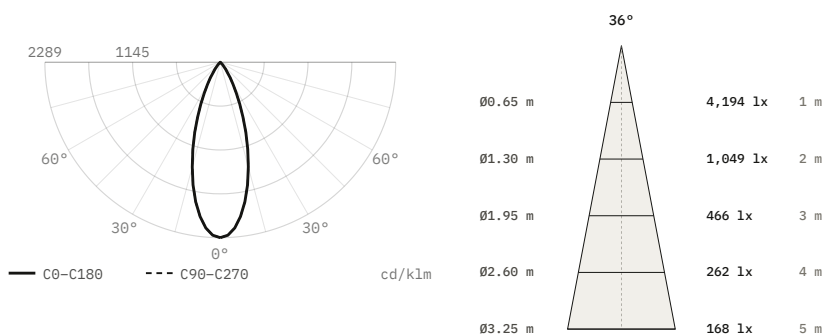
Luminous flux	867 lm
Efficacy	36 lm/W
Peak intensity	11,214 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	150 × 55 mm
Data	Calculated from catalogue data

S3-4242, 24 W, 24° beam



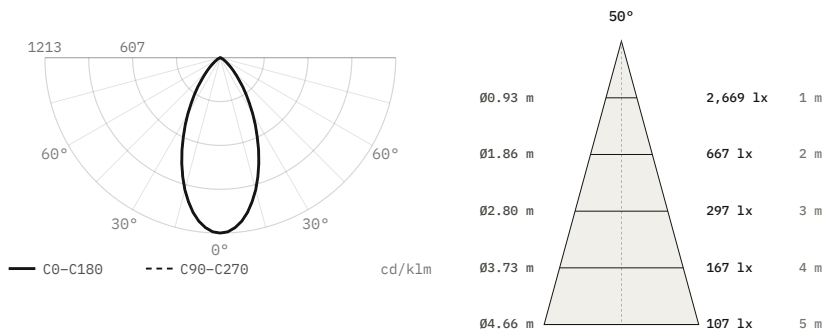
Luminous flux	1,464 lm
Efficacy	61 lm/W
Peak intensity	7,444 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	150 × 55 mm
Data	Calculated from catalogue data

S3-4242, 24 W, 36° beam



Luminous flux	1,832 lm
Efficacy	76 lm/W
Peak intensity	4,194 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	150 × 55 mm
Data	Calculated from catalogue data

S3-4242, 24 W, 50° beam



Luminous flux	2,200 lm
Efficacy	92 lm/W
Peak intensity	2,669 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	150 × 55 mm
Data	Calculated from catalogue data