

Track spotlights

S3-4245N

Track spotlight

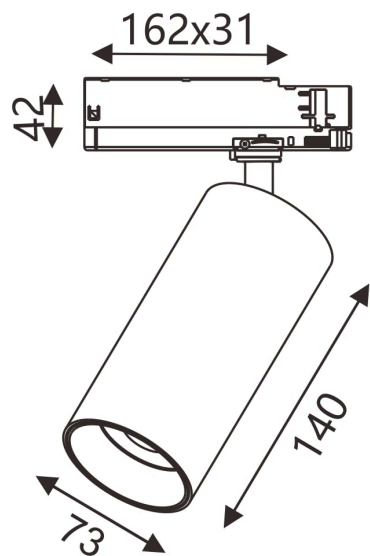


Track spotlight. 28 W. Five beam angles, 10° to 50°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 28 W	Voltage 220–240 V AC	Luminous flux 2600–2800 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 10°, 15°, 24°, 36°, 50°
IP rating IP20	Certifications CE, RoHS, EMC, LVD	Mounting Magnetic track
Control On/Off, DALI, 0-10V, Triac, Casambi	Finishes White, Black, Grey	

Dimensions



Models

Code	Version	Power	Voltage	Flux	CRI	Size	Beam
S3-4245N	162 × 31 adapter	28 W	220–240 V AC	2600–2800 lm	97 CRI	Ø73 × 140 mm	10° 15° 24° 36° 50°

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.

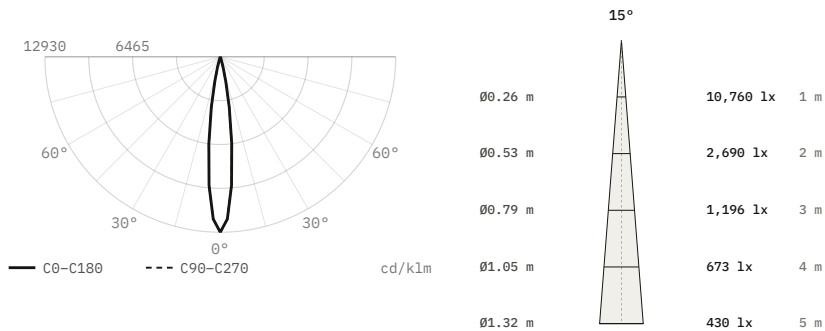
28 W

15°			24°			36°		
Ø0.46 m	10,763 lx	1 m	Ø0.57 m	8,123 lx	1 m	Ø0.82 m	4,641 lx	1 m
Ø0.91 m	2,690 lx	2 m	Ø1.14 m	2,030 lx	2 m	Ø1.63 m	1,160 lx	2 m
Ø1.37 m	1,195 lx	3 m	Ø1.71 m	902 lx	3 m	Ø2.45 m	515 lx	3 m
Beam	1 m		2 m			3 m		
15°	10,763 lx Ø460 mm		2,690 lx Ø910 mm			1,195 lx Ø1370 mm		
24°	8,123 lx Ø570 mm		2,030 lx Ø1140 mm			902 lx Ø1710 mm		
36°	4,641 lx Ø820 mm		1,160 lx Ø1630 mm			515 lx Ø2450 mm		

Photometry

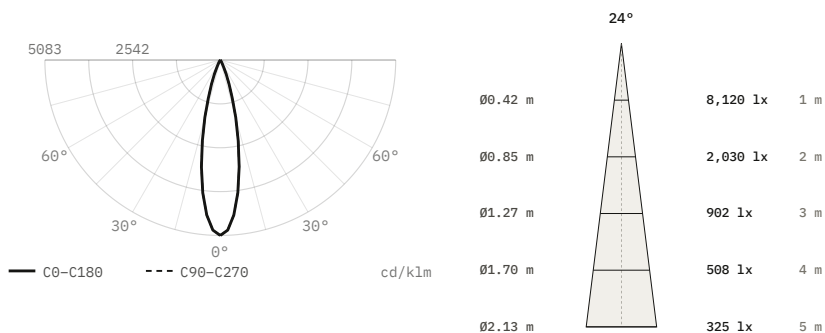
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-4245N, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-4245N, 28 W, 15° beam



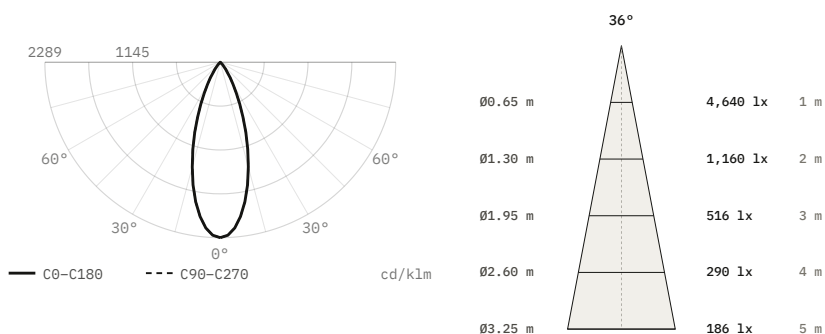
Luminous flux	832 lm
Efficacy	30 lm/W
Peak intensity	10,760 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø73 × 140 mm
Data	Calculated from catalogue data

S3-4245N, 28 W, 24° beam



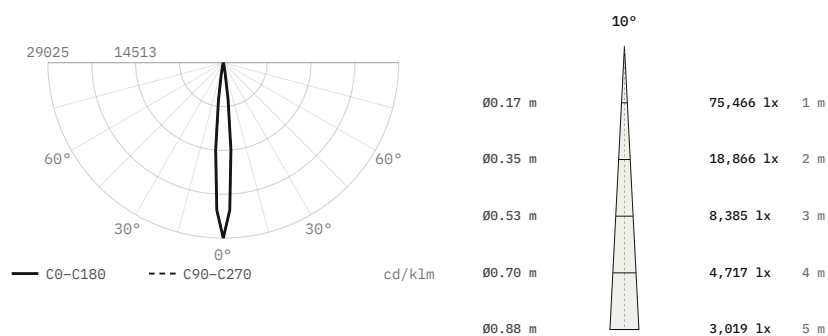
Luminous flux	1,597 lm
Efficacy	57 lm/W
Peak intensity	8,120 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø73 × 140 mm
Data	Calculated from catalogue data

S3-4245N, 28 W, 36° beam



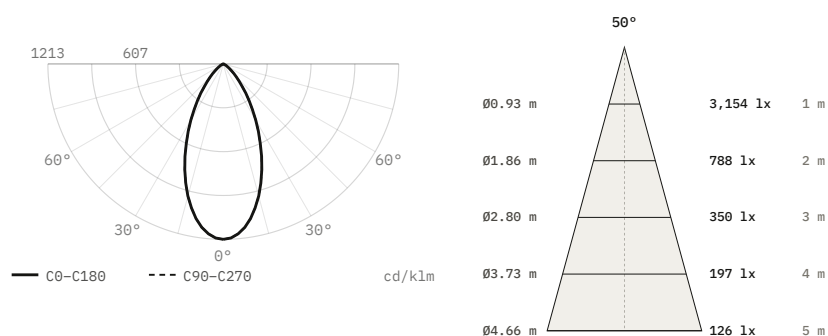
Luminous flux	2,027 lm
Efficacy	72 lm/W
Peak intensity	4,640 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø73 × 140 mm
Data	Calculated from catalogue data

S3-4245N, 28 W, 10° beam



Luminous flux	2,600 lm
Efficacy	93 lm/W
Peak intensity	75,466 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø73 × 140 mm
Data	Calculated from catalogue data

S3-4245N, 28 W, 50° beam



Luminous flux	2,600 lm
Efficacy	93 lm/W
Peak intensity	3,154 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	Ø73 × 140 mm
Data	Calculated from catalogue data

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Technical data may change without notice.