Track spotlights

S3-4244N

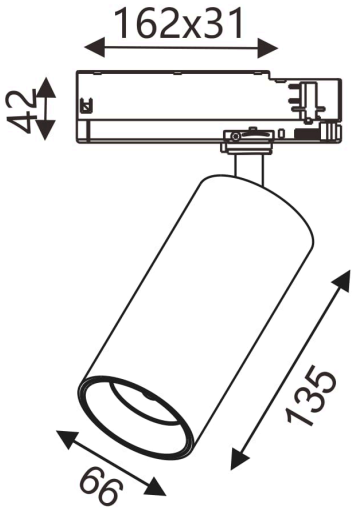
Track spotlight

Track spotlight. 20 W. Five beam angles, 10° to 50°. 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **20 W**	Voltage **220–240 V AC**	Luminous flux **2000–2200 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



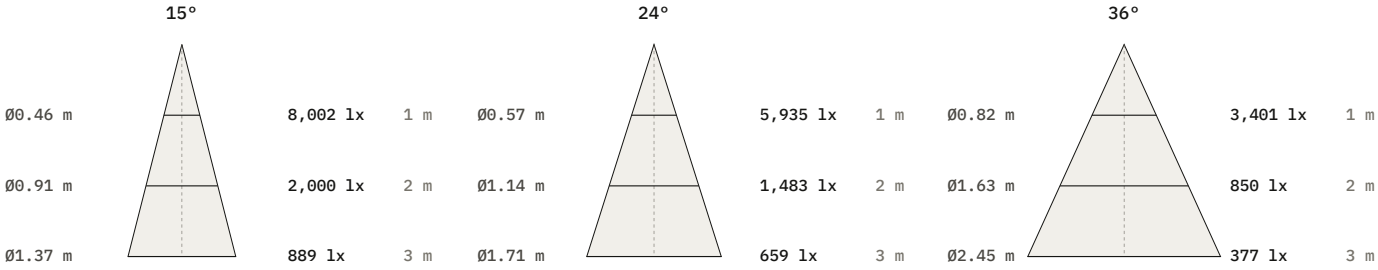
Models

Code	Version	Power	Voltage	Flux	CRI	Size	Beam
S3-4244N	162 × 31 adapter	20 W	220–240 V AC	2000–2200 lm	97 CRI	Ø66 × 135 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.

20 W

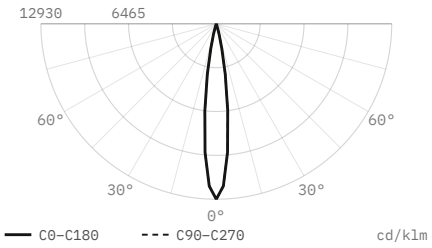


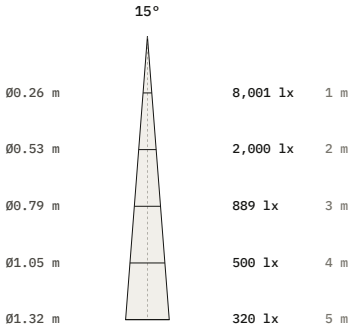
Beam	1 m	2 m	3 m
15°	8,002 lx Ø460 mm	2,000 lx Ø910 mm	889 lx Ø1370 mm
24°	5,935 lx Ø570 mm	1,483 lx Ø1140 mm	659 lx Ø1710 mm
36°	3,401 lx Ø820 mm	850 lx Ø1630 mm	377 lx Ø2450 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-4244N, 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.

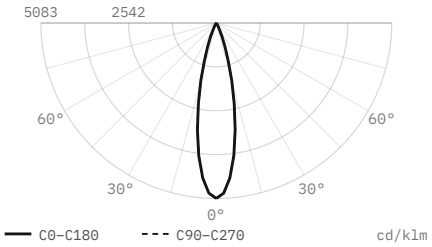
S3-4244N, 20 W, 15° beam

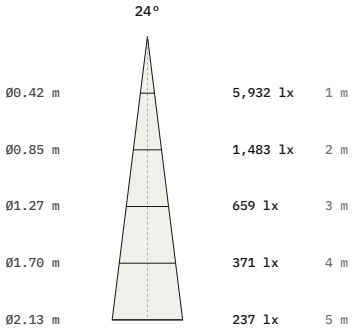




Luminous flux	619 lm
Efficacy	31 lm/W
Peak intensity	8,001 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø66 × 135 mm
Data	Calculated from catalogue data

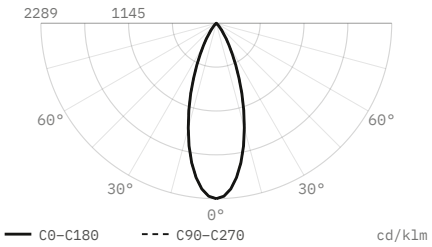
S3-4244N, 20 W, 24° beam

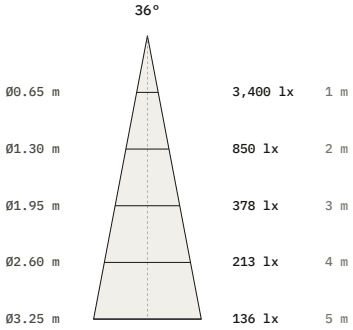




Luminous flux	1,167 lm
Efficacy	58 lm/W
Peak intensity	5,932 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø66 × 135 mm
Data	Calculated from catalogue data

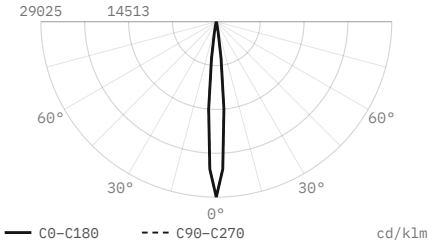
S3-4244N, 20 W, 36° beam

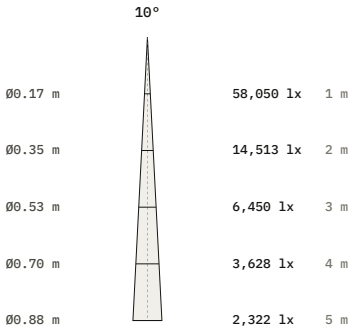




Luminous flux	1,485 lm
Efficacy	74 lm/W
Peak intensity	3,400 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø66 × 135 mm
Data	Calculated from catalogue data

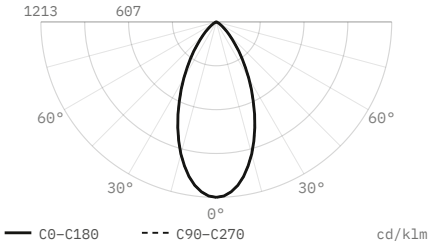
S3-4244N, 20 W, 10° beam

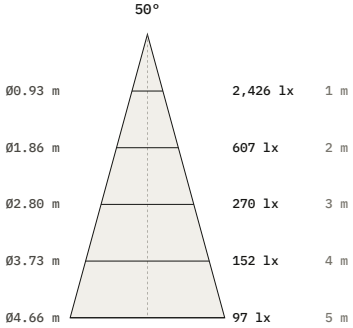




Luminous flux	2,000 lm
Efficacy	100 lm/W
Peak intensity	58,050 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø66 × 135 mm
Data	Calculated from catalogue data

S3-4244N, 20 W, 50° beam





Luminous flux	2,000 lm
Efficacy	100 lm/W
Peak intensity	2,426 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	Ø66 × 135 mm
Data	Calculated from catalogue data

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Technical data may change without notice.