Track spotlights

S3-4041N

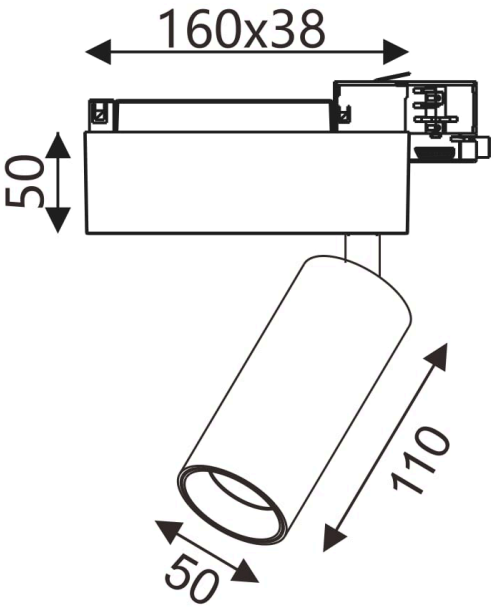
Track spotlight

Track spotlight. 12 W. Five beam angles, 10° to 50°. 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **12 W**	Voltage **220–240 V AC**	Luminous flux **1000–1100 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



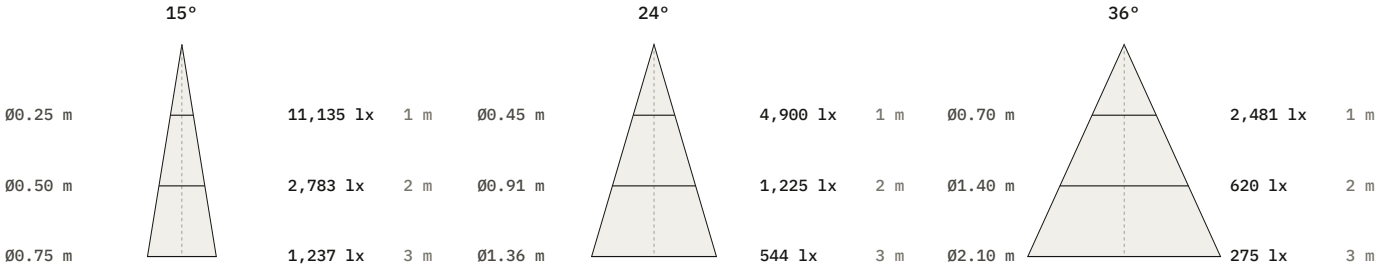
Models

Code	Version	Power	Voltage	Flux	CRI	Size	Beam
S3-4041N	160 × 38 adapter	12 W	220–240 V AC	1000–1100 lm	97 CRI	Ø50 × 110 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.

12 W

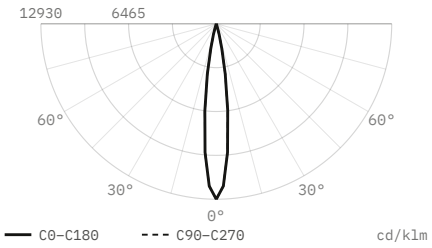


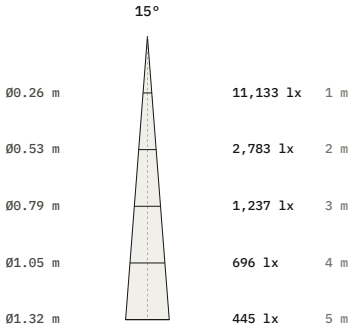
Beam	1 m	2 m	3 m
15°	11,135 lx Ø250 mm	2,783 lx Ø500 mm	1,237 lx Ø750 mm
24°	4,900 lx Ø450 mm	1,225 lx Ø910 mm	544 lx Ø1360 mm
36°	2,481 lx Ø700 mm	620 lx Ø1400 mm	275 lx Ø2100 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-4041N, 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.

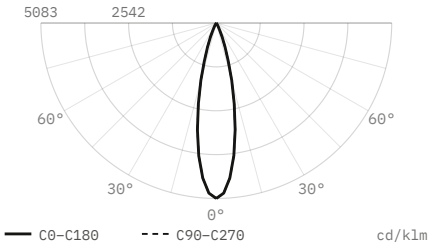
S3-4041N, 12 W, 15° beam

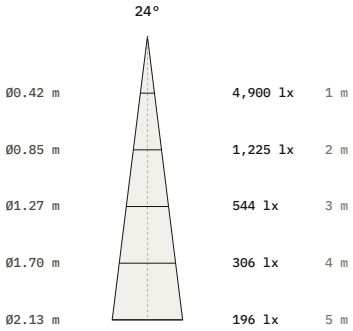




Luminous flux	861 lm
Efficacy	72 lm/W
Peak intensity	11,133 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø50 × 110 mm
Data	Calculated from catalogue data

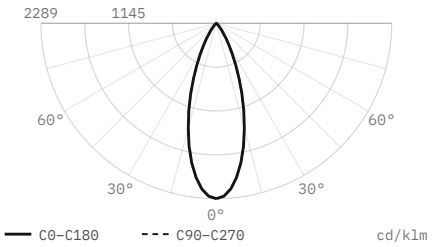
S3-4041N, 12 W, 24° beam

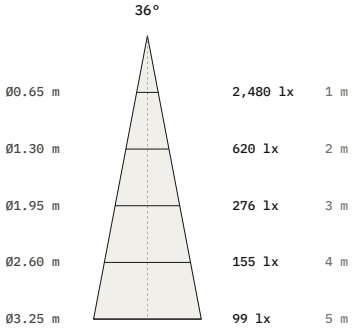




Luminous flux	964 lm
Efficacy	80 lm/W
Peak intensity	4,900 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø50 × 110 mm
Data	Calculated from catalogue data

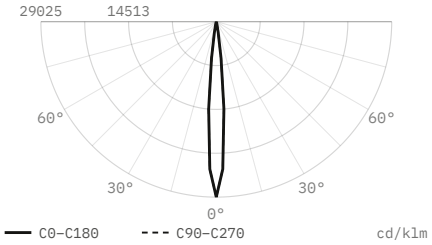
S3-4041N, 12 W, 36° beam

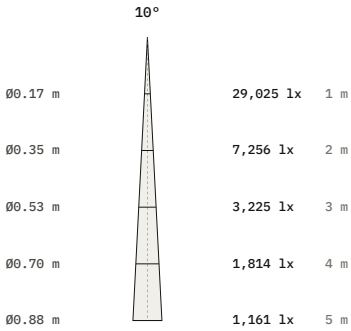




Luminous flux	1,083 lm
Efficacy	90 lm/W
Peak intensity	2,480 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø50 × 110 mm
Data	Calculated from catalogue data

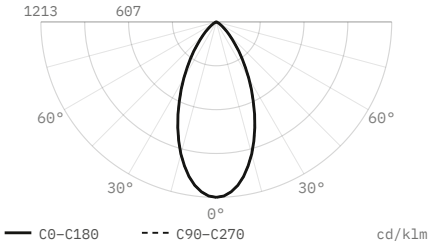
S3-4041N, 12 W, 10° beam

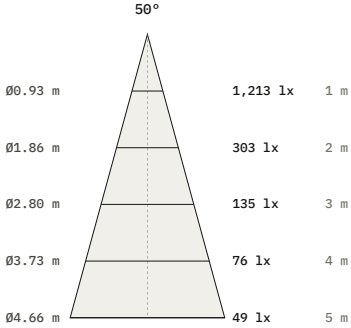




Luminous flux	1,000 lm
Efficacy	83 lm/W
Peak intensity	29,025 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø50 × 110 mm
Data	Calculated from catalogue data

S3-4041N, 12 W, 50° beam





Luminous flux	1,000 lm
Efficacy	83 lm/W
Peak intensity	1,213 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	Ø50 × 110 mm
Data	Calculated from catalogue data

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Technical data may change without notice.