Track spotlights

In-track adapter 645x S3-6454

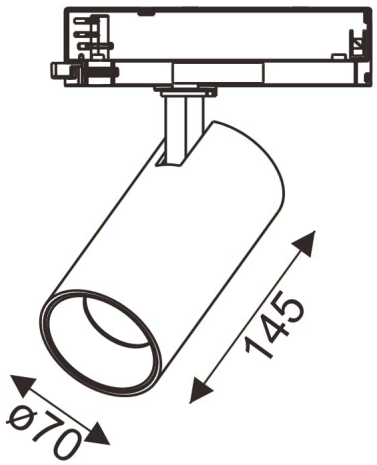
Track spotlight

Track spotlight. 20 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **20 W**	Luminous flux **2000–2100 lm**	Colour temperature **3000 K, 4000 K**
CRI **97 CRI**	Beam angles **15°, 24°, 36°, 60°**	IP rating **IP20**
Certifications **CE, RoHS, EMC, LVD**	Mounting **Magnetic track**	Control **DALI-2, 0-10V, Triac, Casambi**
Finishes **White, Black, Grey**		

Dimensions



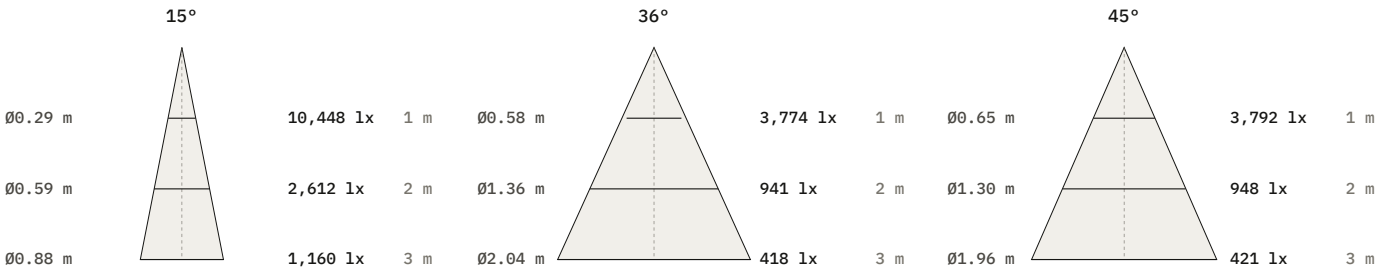
Models

Code	Power	Flux	CRI	Size	Beam
S3-6454	20 W	2000–2100 lm	97 CRI	Ø70 × 145 mm	15° 24° 36° 60°

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

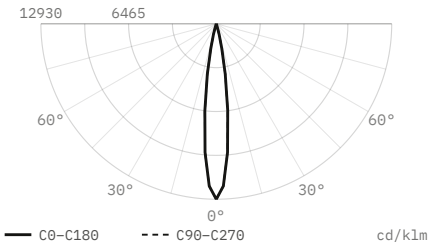


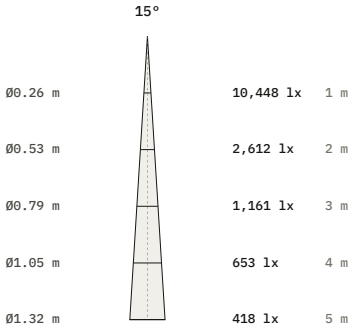
Beam	1 m	2 m	3 m
15°	10,448 lx Ø290 mm	2,612 lx Ø590 mm	1,160 lx Ø880 mm
36°	3,774 lx Ø580 mm	941 lx Ø1360 mm	418 lx Ø2040 mm
45°	3,792 lx Ø650 mm	948 lx Ø1300 mm	421 lx Ø1960 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6454, 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.

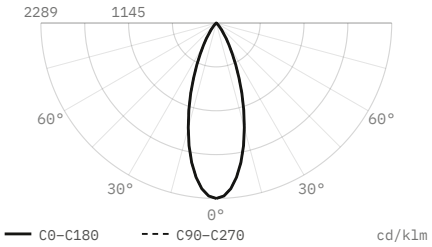
S3-6454, 20 W, 15° beam

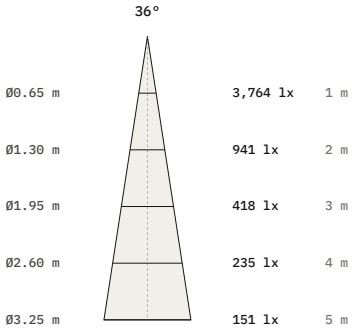




Luminous flux	808 lm
Efficacy	40 lm/W
Peak intensity	10,448 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø70 × 145 mm
Data	Calculated from catalogue data

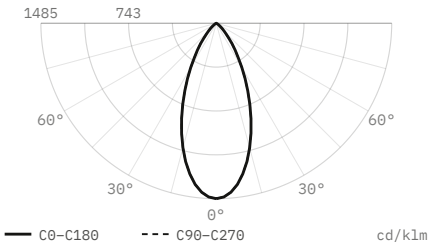
S3-6454, 20 W, 36° beam

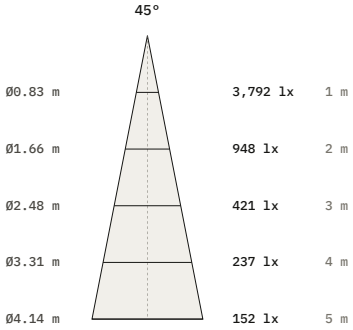




Luminous flux	1,644 lm
Efficacy	82 lm/W
Peak intensity	3,764 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø70 × 145 mm
Data	Calculated from catalogue data

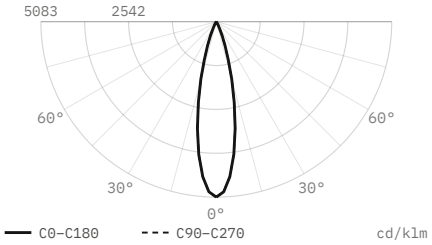
S3-6454, 20 W, 45° beam

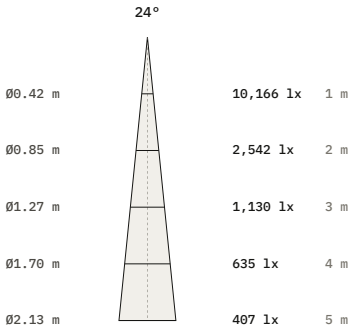




Luminous flux	2,554 lm
Efficacy	128 lm/W
Peak intensity	3,792 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø70 × 145 mm
Data	Calculated from catalogue data

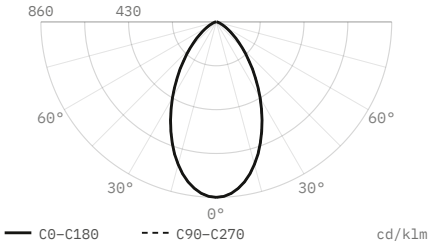
S3-6454, 20 W, 24° beam

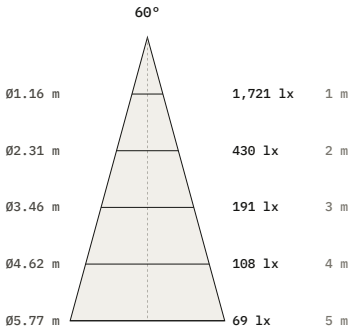




Luminous flux	2,000 lm
Efficacy	100 lm/W
Peak intensity	10,166 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø70 × 145 mm
Data	Calculated from catalogue data

S3-6454, 20 W, 60° beam





Luminous flux	2,000 lm
Efficacy	100 lm/W
Peak intensity	1,721 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø70 × 145 mm
Data	Calculated from catalogue data

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Technical data may change without notice.