

Track spotlights

In-track adapter 645x S3-6455

Track spotlight

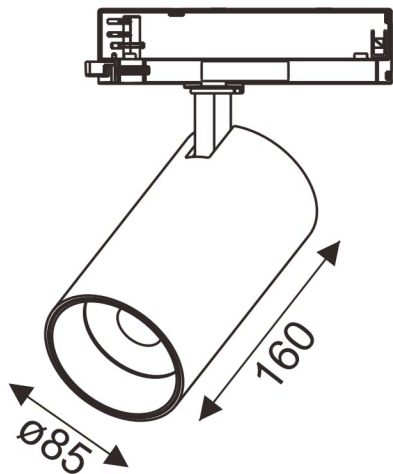


Track spotlight. 28 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 28 W	Luminous flux 2700–2800 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



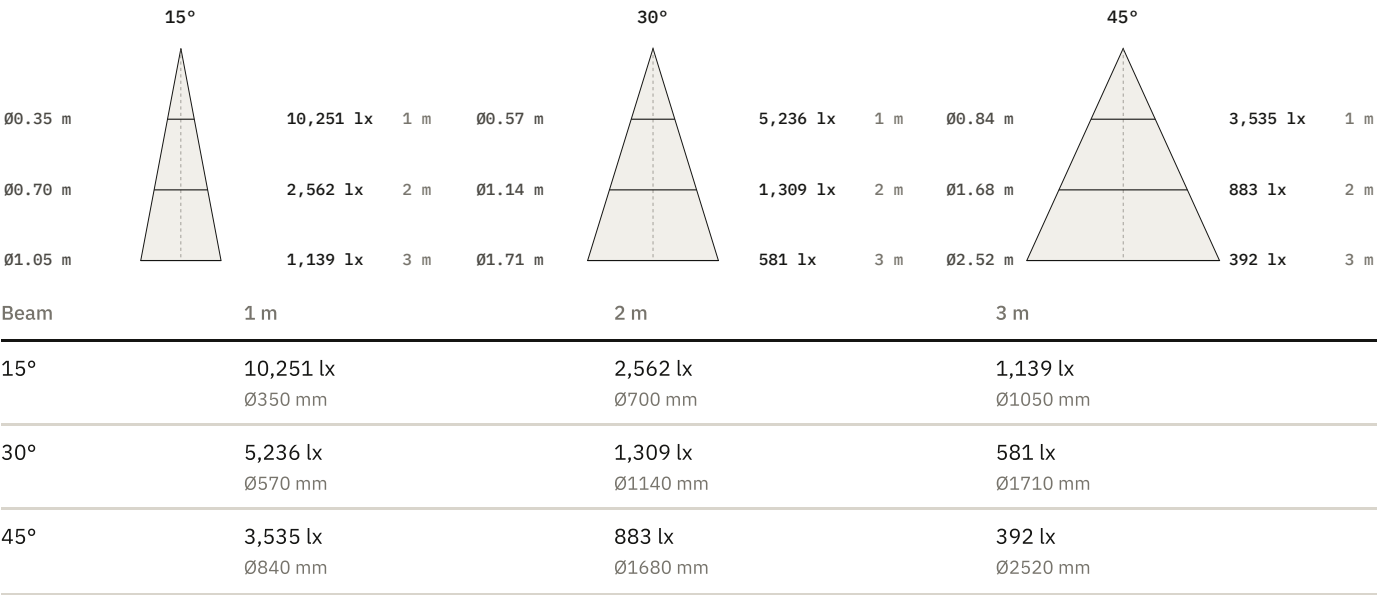
Models

Code	Power	Flux	CRI	Size	Beam
S3-6455	28 W	2700–2800 lm	97 CRI	Ø85 × 160 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.

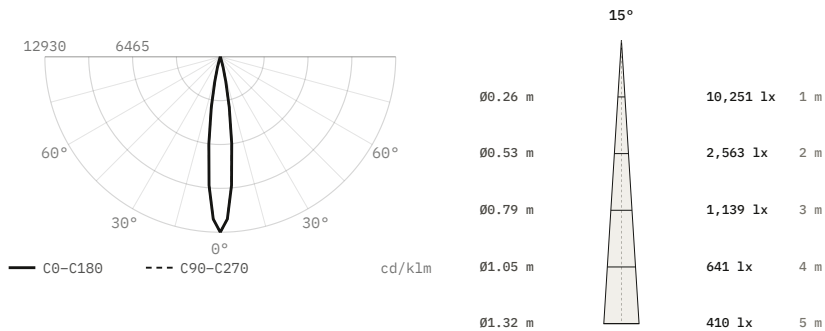
28 W



Photometry

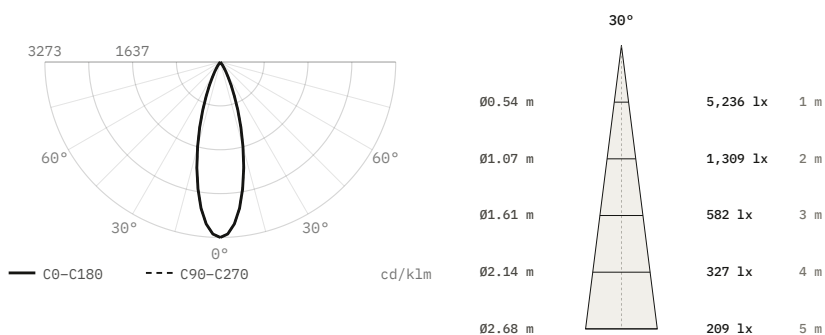
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6455, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-6455, 28 W, 15° beam



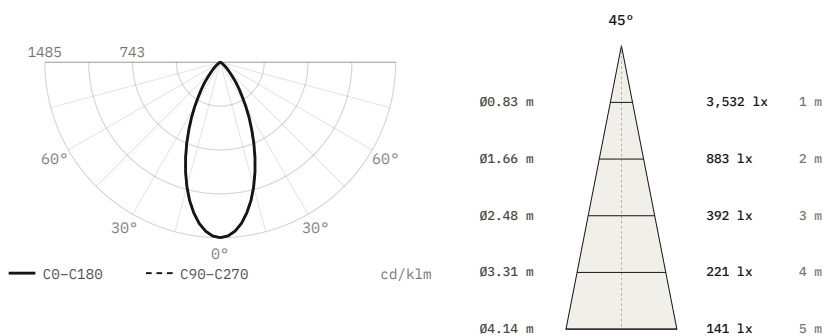
Luminous flux	793 lm
Efficacy	28 lm/W
Peak intensity	10,251 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø85 × 160 mm
Data	Calculated from catalogue data

S3-6455, 28 W, 30° beam



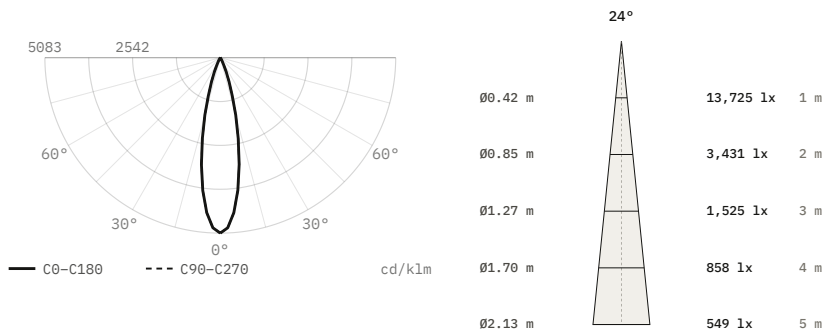
Luminous flux	1,600 lm
Efficacy	57 lm/W
Peak intensity	5,236 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø85 × 160 mm
Data	Calculated from catalogue data

S3-6455, 28 W, 45° beam



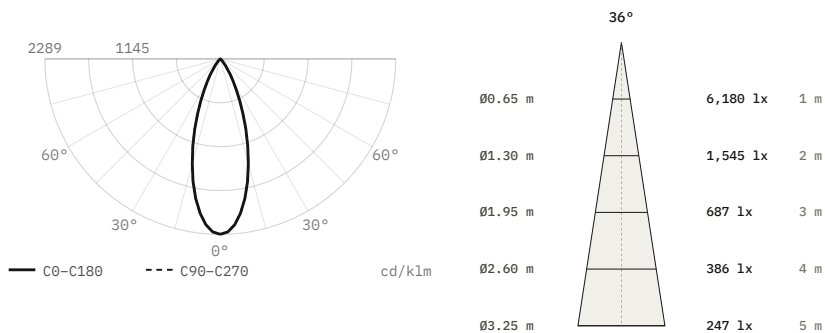
Luminous flux	2,379 lm
Efficacy	85 lm/W
Peak intensity	3,532 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø85 × 160 mm
Data	Calculated from catalogue data

S3-6455, 28 W, 24° beam



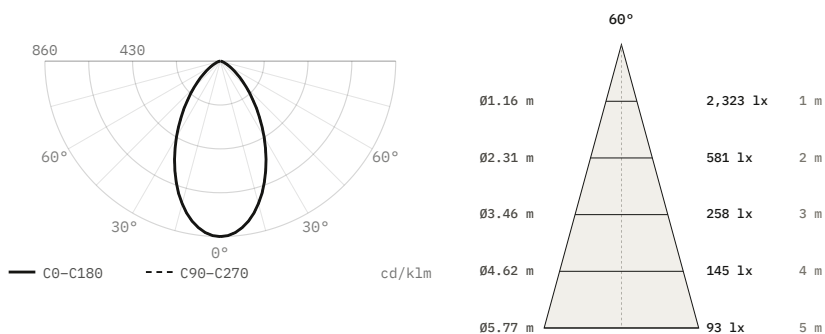
Luminous flux	2,700 lm
Efficacy	96 lm/W
Peak intensity	13,725 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø85 × 160 mm
Data	Calculated from catalogue data

S3-6455, 28 W, 36° beam



Luminous flux	2,700 lm
Efficacy	96 lm/W
Peak intensity	6,180 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	Ø85 × 160 mm
Data	Calculated from catalogue data

S3-6455, 28 W, 60° beam



Luminous flux	2,700 lm
Efficacy	96 lm/W
Peak intensity	2,323 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	Ø85 × 160 mm
Data	Calculated from catalogue data