

Track spotlights

S3-6083

Track spotlight



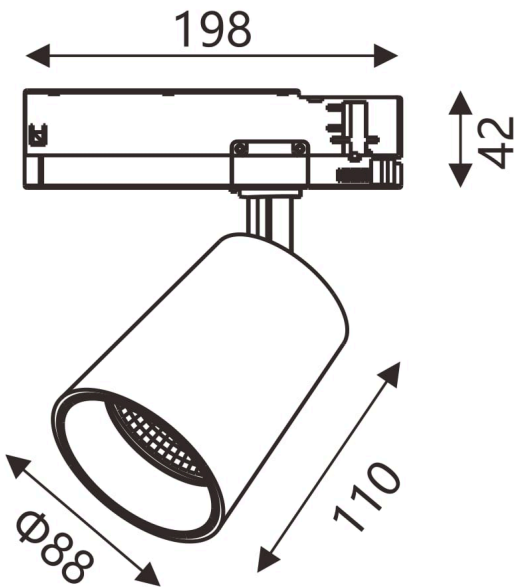
Track spotlight. 28 W. Three beam angles, 15° to 45°.
3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 28 W	Luminous flux 2300–2400 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 30°, 45°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Magnetic track	Control DALI, 0-10V, Triac, Casambi

Finishes
White, Black, Grey

Dimensions



Models

Code	Power	Flux	CRI	Size	Beam
S3-6083	28 W	2300–2400 lm	97 CRI	Ø88 × 110 mm	15° 30° 45°

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.

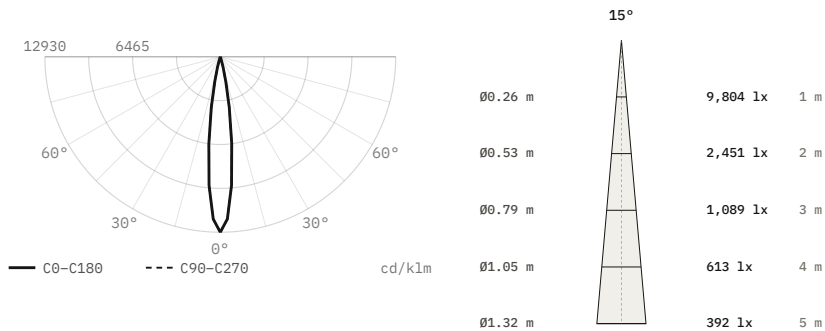
28 W

15°			30°			45°		
Ø0.35 m	9,805 lx	1 m	Ø0.57 m	4,942 lx	1 m	Ø0.87 m	3,408 lx	1 m
Ø0.71 m	2,451 lx	2 m	Ø1.15 m	1,235 lx	2 m	Ø1.74 m	852 lx	2 m
Ø1.06 m	1,089 lx	3 m	Ø1.72 m	549 lx	3 m	Ø2.61 m	378 lx	3 m
Beam	1 m		2 m			3 m		
15°	9,805 lx Ø350 mm		2,451 lx Ø710 mm			1,089 lx Ø1060 mm		
30°	4,942 lx Ø570 mm		1,235 lx Ø1150 mm			549 lx Ø1720 mm		
45°	3,408 lx Ø870 mm		852 lx Ø1740 mm			378 lx Ø2610 mm		

Photometry

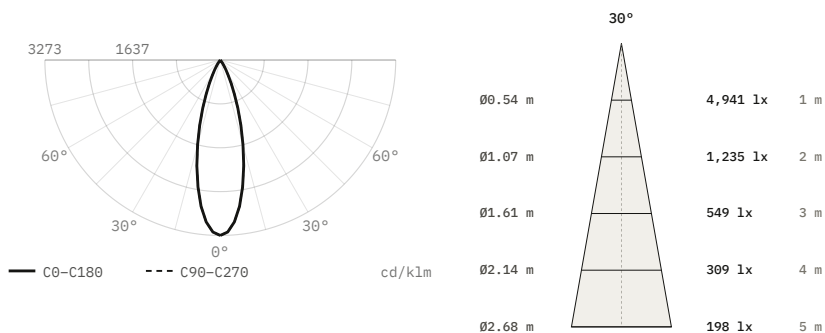
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6083, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-6083, 28 W, 15° beam



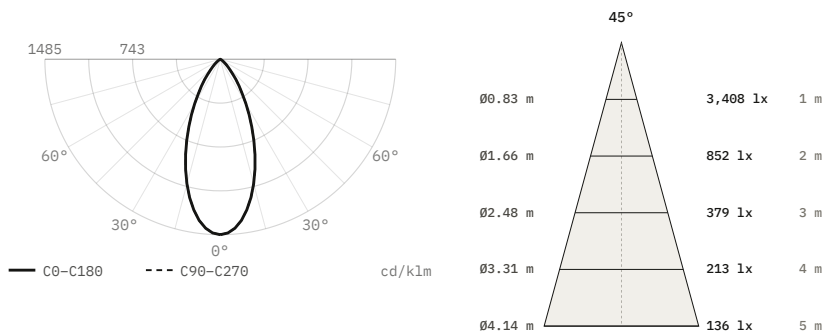
Luminous flux	758 lm
Efficacy	27 lm/W
Peak intensity	9,804 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø88 × 110 mm
Data	Calculated from catalogue data

S3-6083, 28 W, 30° beam



Luminous flux	1,510 lm
Efficacy	54 lm/W
Peak intensity	4,941 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	Ø88 × 110 mm
Data	Calculated from catalogue data

S3-6083, 28 W, 45° beam



Luminous flux	2,296 lm
Efficacy	82 lm/W
Peak intensity	3,408 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	Ø88 × 110 mm
Data	Calculated from catalogue data

