

Track spotlights

S3-6086

Track spotlight

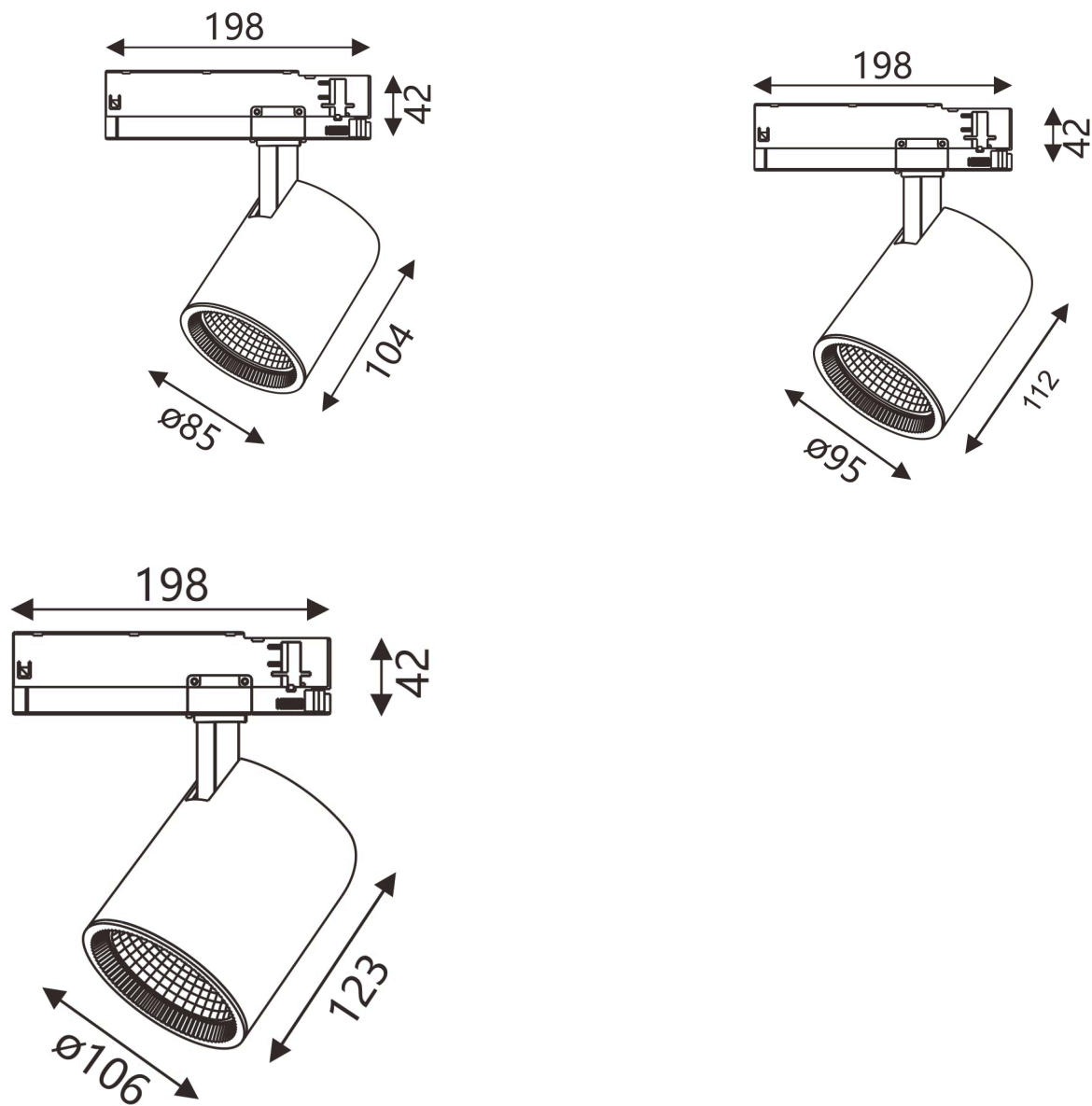


Track spotlight. 28, 35 or 43 W. Beam angles 12° to 60°, by model. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power	Luminous flux	Colour temperature
28 W, 35 W, 43 W	2600–2900 lm, 3400–3700 lm, 4000–4100 lm	3000 K, 4000 K
CRI	Beam angles	IP rating
97 CRI	12°, 15°, 24°, 30°, 36°, 40°, 45°, 55°, 60°	IP20
Certifications	Mounting	Control
CE, RoHS, EMC, LVD	Magnetic track	DALI, 0-10V, Triac, Casambi
Finishes		
White, Black, Grey		

Dimensions



Models

Code	Version	Power	Flux	CRI	Size	Beam
S3-6086	Reflector	28 W	2600–2900 lm	97 CRI	Ø85 × 104 mm	12° 24° 45° 55°
S3-6087	Reflector	35 W	3400–3700 lm	97 CRI	Ø95 × 112 mm	15° 30° 40° 55°
S3-6088	Reflector	43 W	4000–4100 lm	97 CRI	Ø106 × 123 mm	15° 30° 36° 45° 60°

Finishes



Black

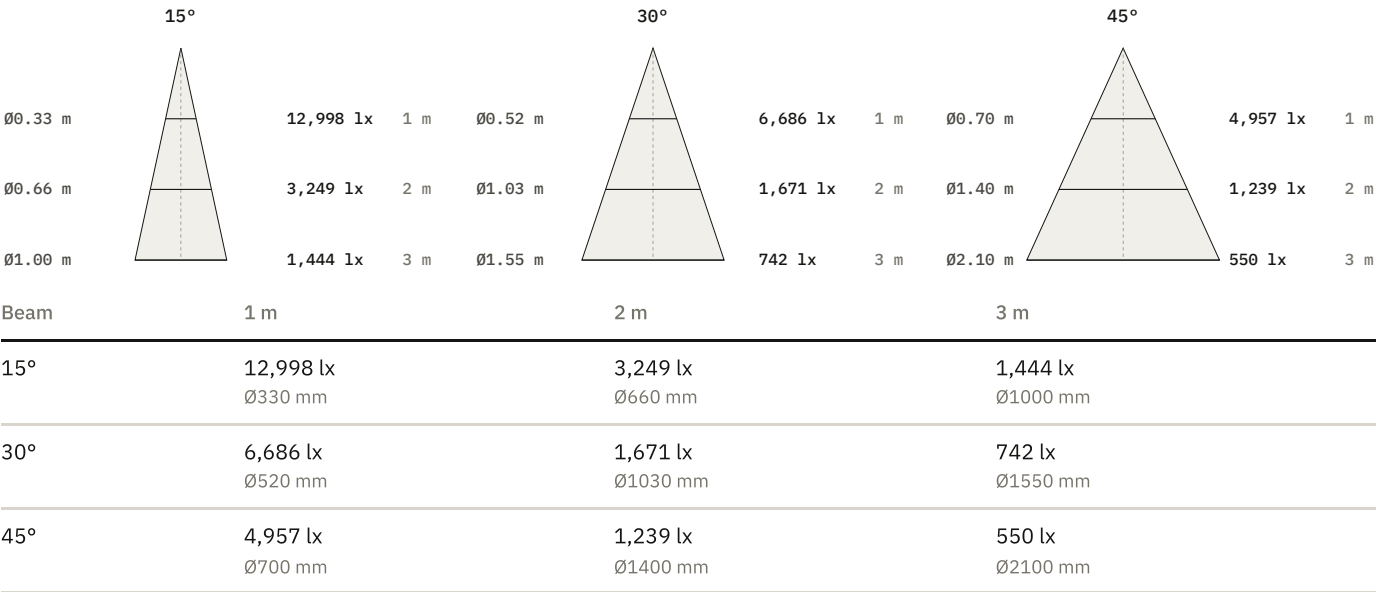


Grey

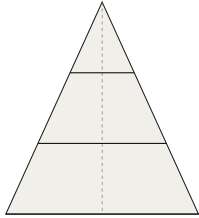
Photometric data

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



45°



Ø0.70 m

Ø1.40 m

Ø2.10 m

4,957 lx

1,239 lx

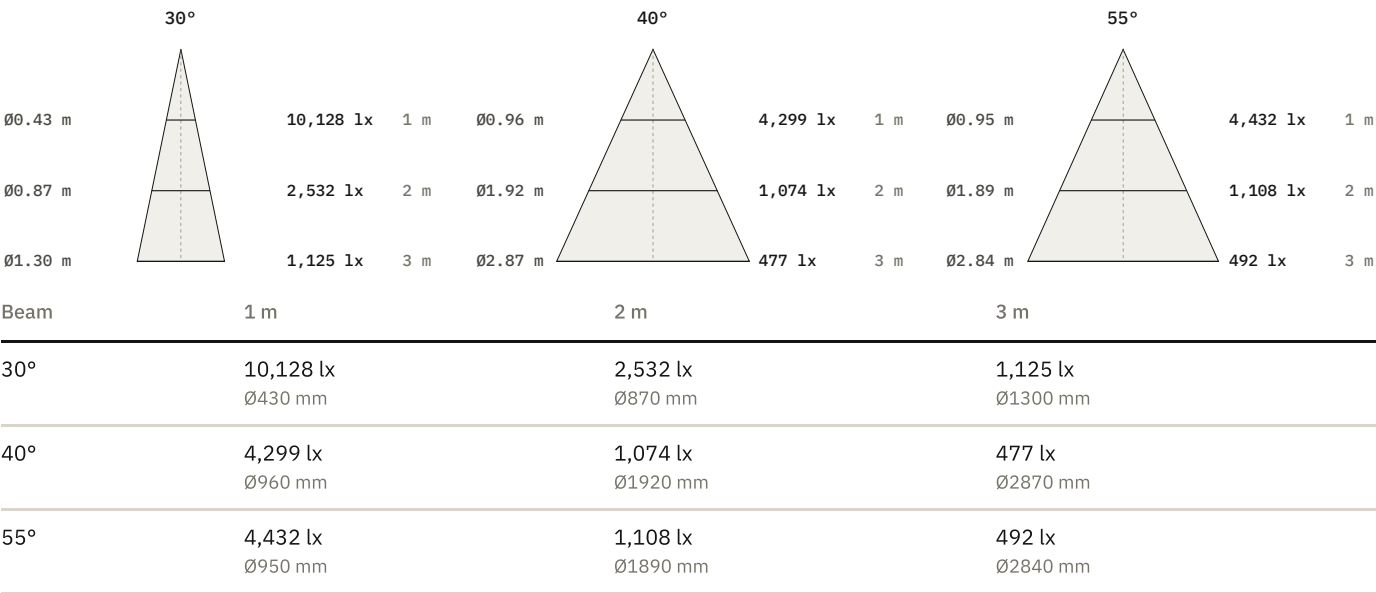
550 lx

1 m

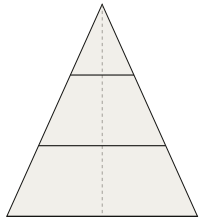
2 m

3 m

35 W



55°



Ø0.95 m

Ø1.89 m

Ø2.84 m

4,432 lx

1,108 lx

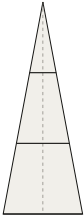
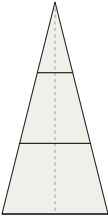
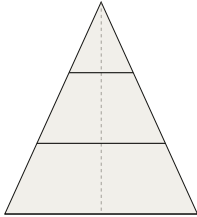
492 lx

1 m

2 m

3 m

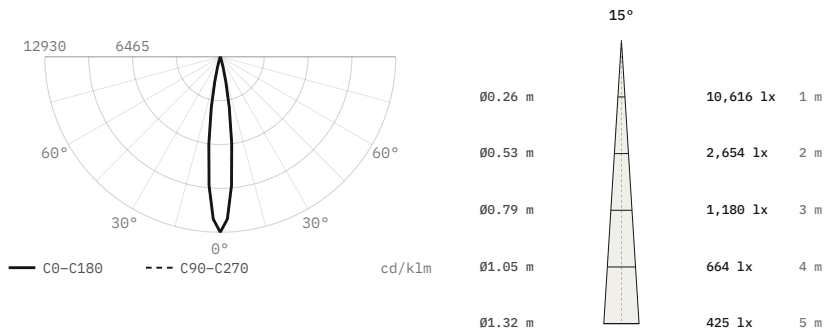
43 W

	15°				45°				60°			
												
Ø0.45 m	10,618 lx	1 m	Ø0.60 m	7,662 lx	1 m	Ø1.08 m	4,369 lx	1 m				
Ø0.89 m	2,654 lx	2 m	Ø1.20 m	1,915 lx	2 m	Ø2.17 m	1,092 lx	2 m				
Ø1.34 m	1,179 lx	3 m	Ø1.79 m	851 lx	3 m	Ø3.25 m	485 lx	3 m				
Beam	1 m			2 m			3 m					
15°	10,618 lx Ø450 mm			2,654 lx Ø890 mm			1,179 lx Ø1340 mm					
45°	7,662 lx Ø600 mm			1,915 lx Ø1200 mm			851 lx Ø1790 mm					
60°	4,369 lx Ø1080 mm			1,092 lx Ø2170 mm			485 lx Ø3250 mm					

Photometry

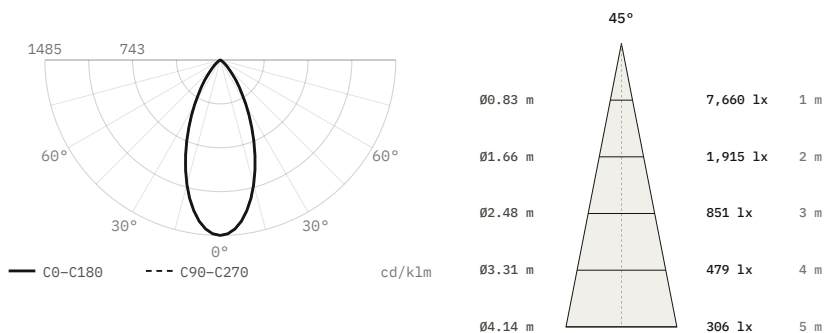
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6088, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-6088, 43 W, 15° beam



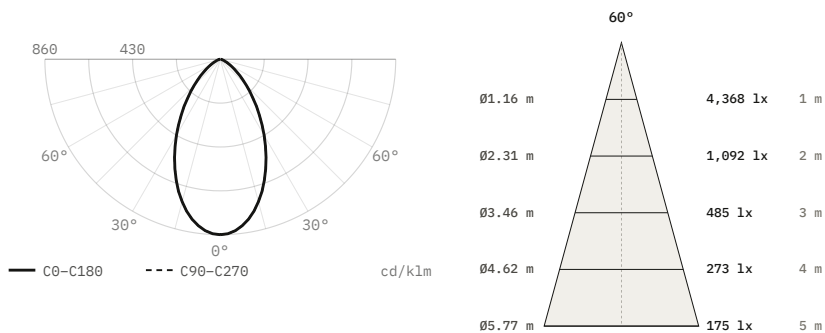
Luminous flux	821 lm
Efficacy	19 lm/W
Peak intensity	10,616 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø106 × 123 mm
Data	Calculated from catalogue data

S3-6088, 43 W, 45° beam



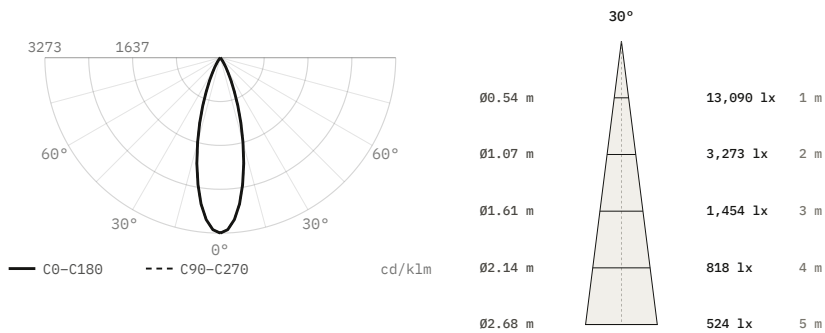
Luminous flux	5,160 lm
Efficacy	120 lm/W
Peak intensity	7,660 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø106 × 123 mm
Data	Calculated from catalogue data

S3-6088, 43 W, 60° beam



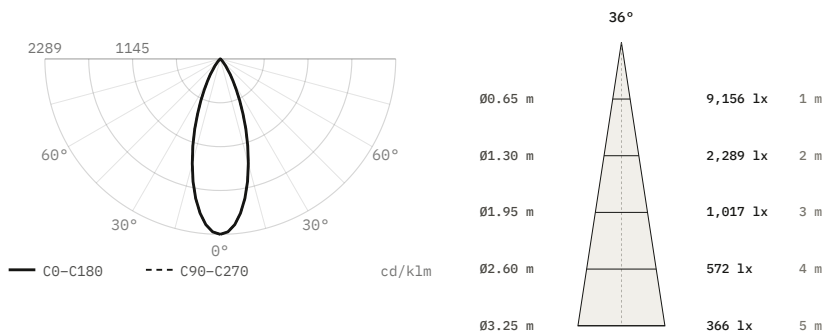
Luminous flux	5,077 lm
Efficacy	118 lm/W
Peak intensity	4,368 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø106 × 123 mm
Data	Calculated from catalogue data

S3-6088, 43 W, 30° beam



Luminous flux	4,000 lm
Efficacy	93 lm/W
Peak intensity	13,090 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	Ø106 × 123 mm
Data	Calculated from catalogue data

S3-6088, 43 W, 36° beam



Luminous flux	4,000 lm
Efficacy	93 lm/W
Peak intensity	9,156 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	Ø106 × 123 mm
Data	Calculated from catalogue data