

Track spotlights

S3-6086G

Track spotlight

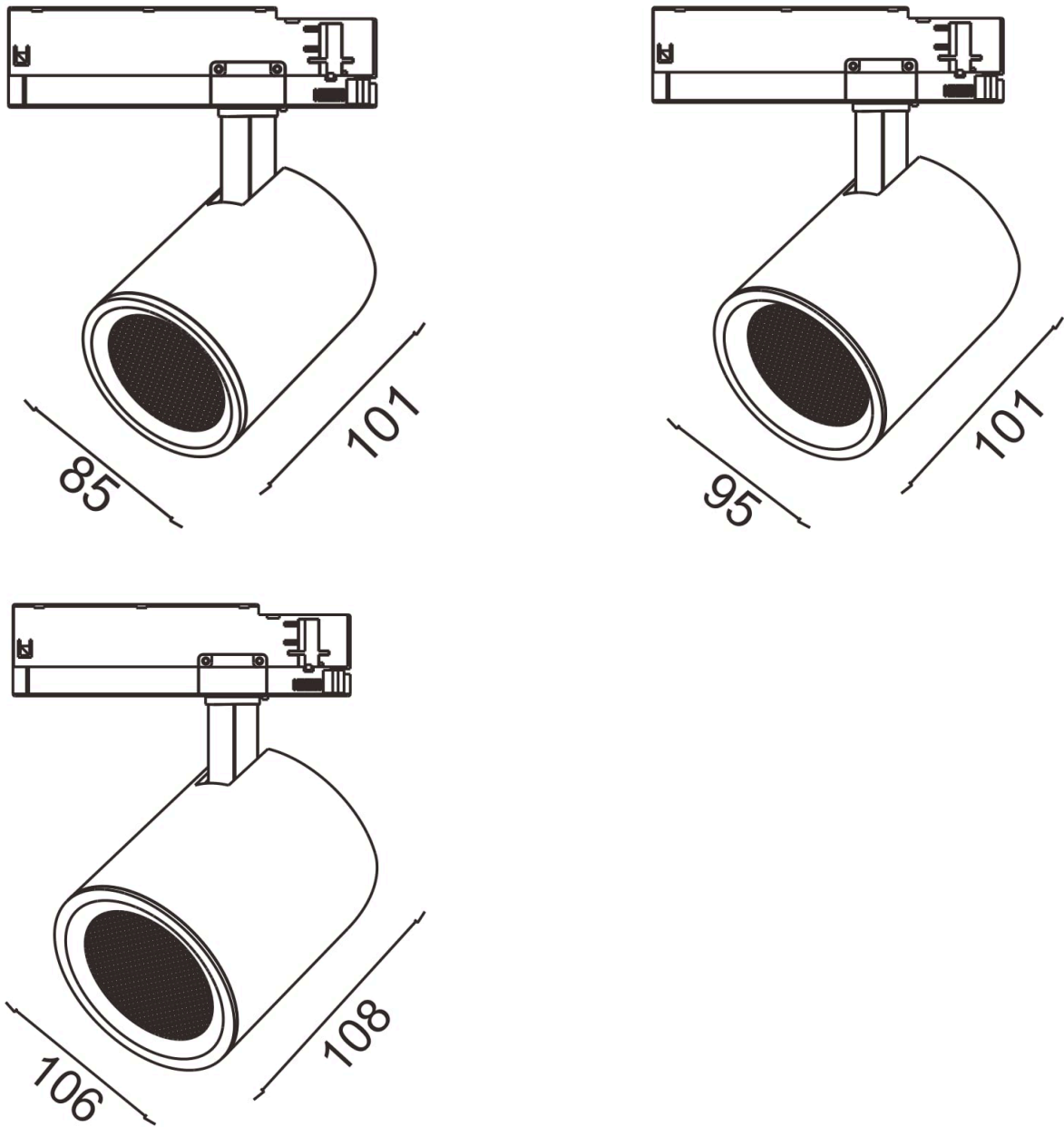


Track spotlight. 28, 35 or 43 W. Beam angles 15° to 60°, by model. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power	Luminous flux	Colour temperature
28 W, 35 W, 43 W	3600–3800 lm, 4500–4600 lm, 5500–5600 lm	3000 K, 4000 K
CRI	Beam angles	IP rating
97 CRI	15°, 17°, 18°, 24°, 36°, 40°, 45°, 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
S3-6086G	High efficiency	28 W	3600–3800 lm	97 CRI	85 × 101 mm	18° 24° 40° 60°
S3-6087G	High efficiency	35 W	4500–4600 lm	97 CRI	95 × 101 mm	17° 24° 36° 45° 60°
S3-6088G	High efficiency	43 W	5500–5600 lm	97 CRI	106 × 108 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.

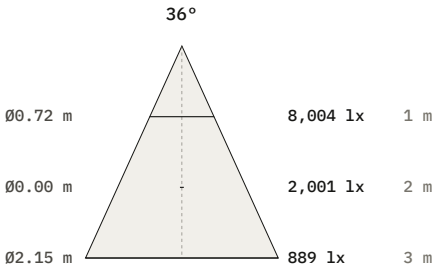
28 W

15°			24°			40°		
Ø0.31 m	16,080 lx	1 m	Ø0.47 m	10,290 lx	1 m	Ø0.75 m	5,364 lx	1 m
Ø0.62 m	4,020 lx	2 m	Ø0.93 m	2,572 lx	2 m	Ø1.50 m	1,341 lx	2 m
Ø0.93 m	1,786 lx	3 m	Ø1.40 m	1,143 lx	3 m	Ø2.25 m	596 lx	3 m
Beam	1 m		2 m			3 m		
15°	16,080 lx Ø310 mm		4,020 lx Ø620 mm			1,786 lx Ø930 mm		
24°	10,290 lx Ø470 mm		2,572 lx Ø930 mm			1,143 lx Ø1400 mm		
40°	5,364 lx Ø750 mm		1,341 lx Ø1500 mm			596 lx Ø2250 mm		

35 W

15°			24°			35°		
Ø0.29 m	21,088 lx	1 m	Ø0.40 m	12,351 lx	1 m	Ø0.58 m	8,153 lx	1 m
Ø0.58 m	5,272 lx	2 m	Ø0.81 m	3,087 lx	2 m	Ø1.17 m	2,038 lx	2 m
Ø0.87 m	2,343 lx	3 m	Ø1.21 m	1,372 lx	3 m	Ø1.75 m	905 lx	3 m
Beam	1 m		2 m			3 m		
15°	21,088 lx Ø290 mm		5,272 lx Ø580 mm			2,343 lx Ø870 mm		
24°	12,351 lx Ø400 mm		3,087 lx Ø810 mm			1,372 lx Ø1210 mm		
35°	8,153 lx Ø580 mm		2,038 lx Ø1170 mm			905 lx Ø1750 mm		

43 W

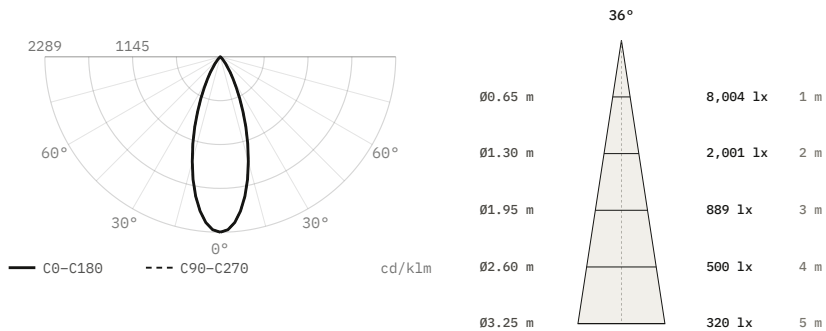


Beam	1 m	2 m	3 m
36°	8,004 lx Ø720 mm	2,001 lx Ønull mm	889 lx Ø2150 mm

Photometry

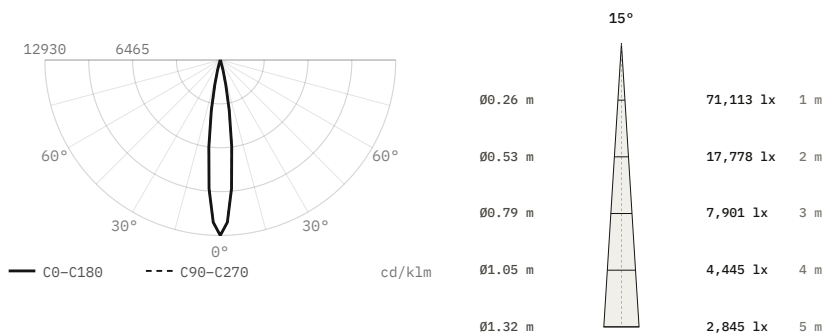
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6088G, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous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

S3-6088G, 43 W, 36° beam



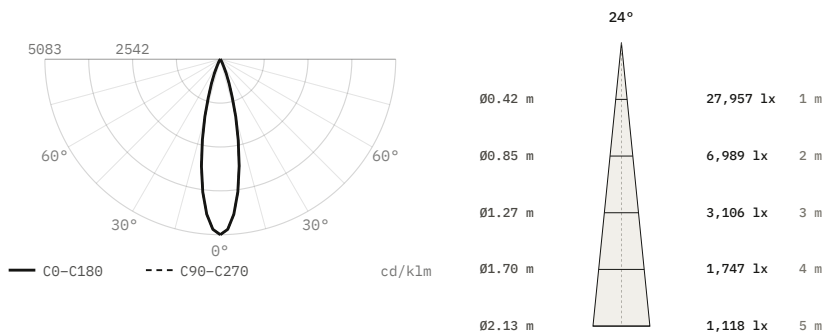
Luminous flux	3,497 lm
Efficacy	81 lm/W
Peak intensity	8,004 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	108 × 106 mm
Data	Calculated from catalogue data

S3-6088G, 43 W, 15° beam



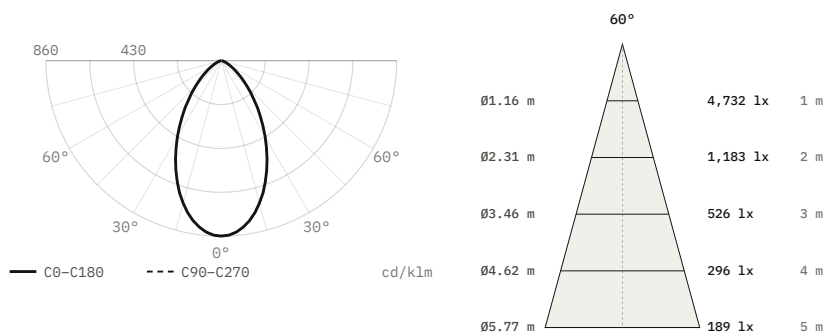
Luminous flux	5,500 lm
Efficacy	128 lm/W
Peak intensity	71,113 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	108 × 106 mm
Data	Calculated from catalogue data

S3-6088G, 43 W, 24° beam



Luminous flux	5,500 lm
Efficacy	128 lm/W
Peak intensity	27,957 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	108 × 106 mm
Data	Calculated from catalogue data

S3-6088G, 43 W, 60° beam



Luminous flux	5,500 lm
Efficacy	128 lm/W
Peak intensity	4,732 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	108 × 106 mm
Data	Calculated from catalogue data