

Track spotlights

S3-6090G

Track spotlight

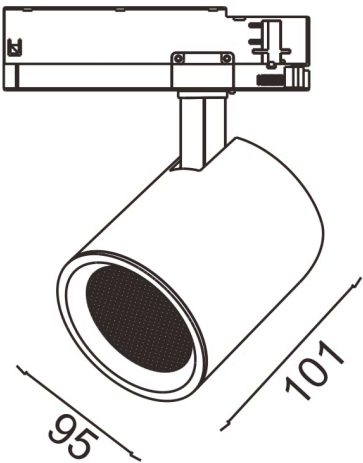


Track spotlight. 35 W. Five beam angles, 17° to 60°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 35 W	Luminous flux 4500–4600 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 17°, 24°, 35°, 45°, 60°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Magnetic track	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



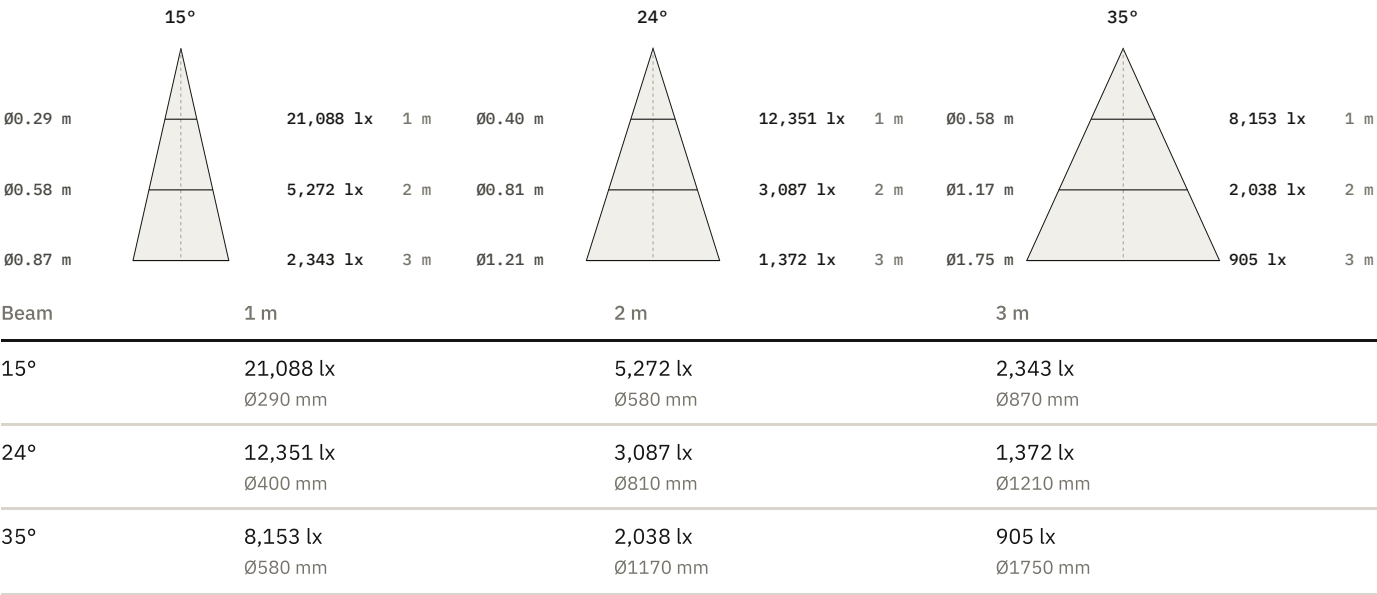
Models

Code	Version	Power	Flux	CRI	Size	Beam
S3-6090G	High efficiency	35 W	4500–4600 lm	97 CRI	95 × 101 mm	17° 24° 35° 45° 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.

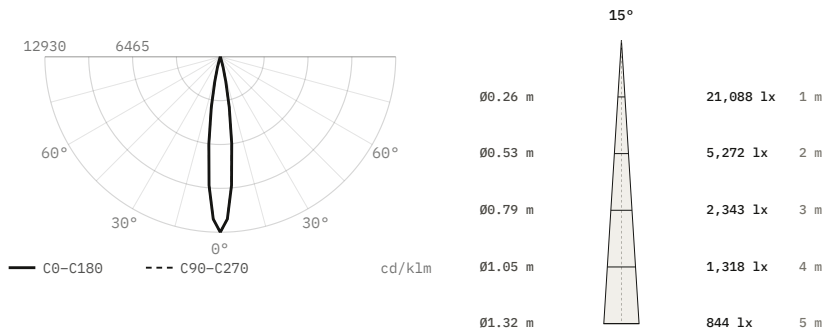
35 W



Photometry

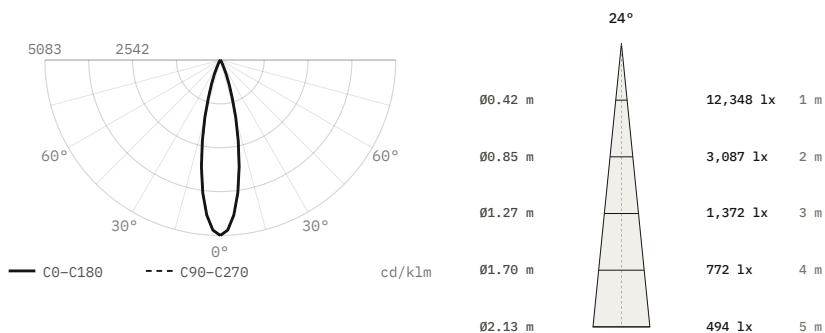
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6090G, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-6090G, 35 W, 15° beam



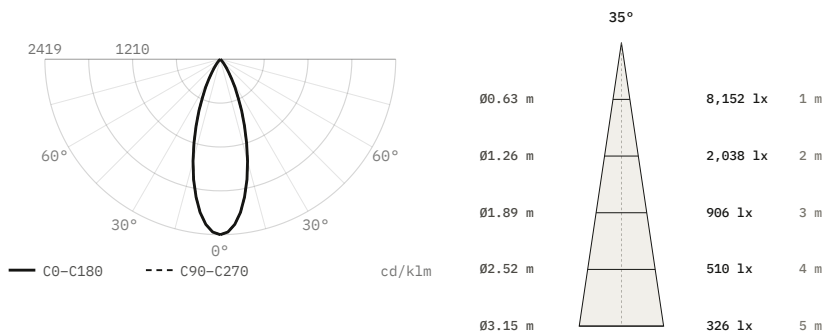
Luminous flux	1,631 lm
Efficacy	47 lm/W
Peak intensity	21,088 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	101 × 95 mm
Data	Calculated from catalogue data

S3-6090G, 35 W, 24° beam



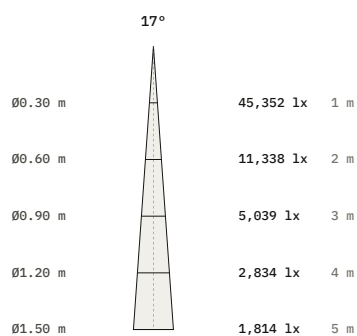
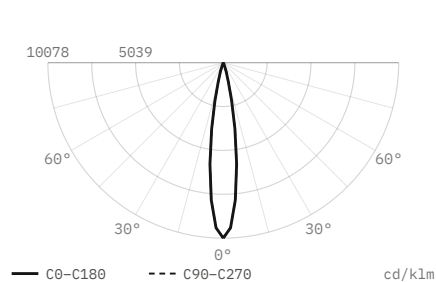
Luminous flux	2,429 lm
Efficacy	69 lm/W
Peak intensity	12,348 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	101 × 95 mm
Data	Calculated from catalogue data

S3-6090G, 35 W, 35° beam



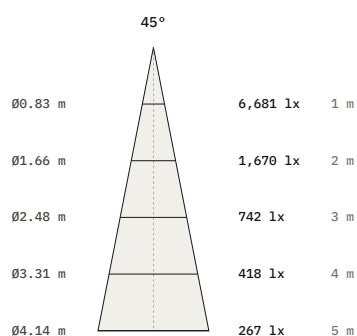
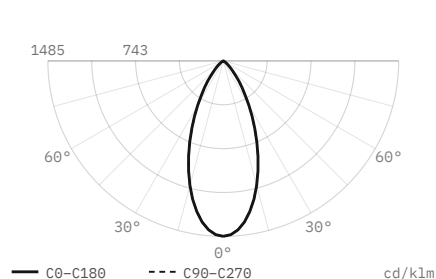
Luminous flux	3,371 lm
Efficacy	96 lm/W
Peak intensity	8,152 cd, 2,419 cd/klm
Beam angle (50%)	35°
Field angle (10%)	63.8°
Cut-off angle (2.5%)	40°
Flux 0–30° / 30–60° / 60–90°	87.6 / 12.4 / 0 %
Size	101 × 95 mm
Data	Calculated from catalogue data

S3-6090G, 35 W, 17° beam



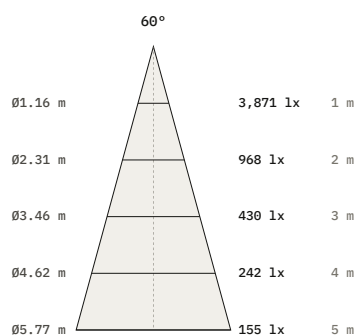
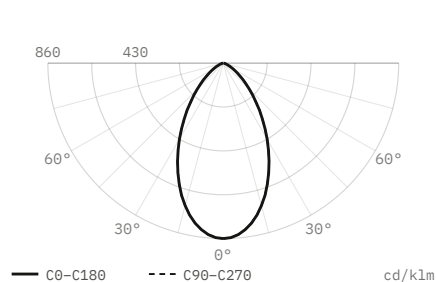
Luminous flux	4,500 lm
Efficacy	129 lm/W
Peak intensity	45,352 cd, 10,078 cd/klm
Beam angle (50%)	17°
Field angle (10%)	31°
Cut-off angle (2.5%)	19.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	101 × 95 mm
Data	Calculated from catalogue data

S3-6090G, 35 W, 45° beam



Luminous flux	4,500 lm
Efficacy	129 lm/W
Peak intensity	6,681 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	101 × 95 mm
Data	Calculated from catalogue data

S3-6090G, 35 W, 60° beam



Luminous flux	4,500 lm
Efficacy	129 lm/W
Peak intensity	3,871 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	101 × 95 mm
Data	Calculated from catalogue data

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Technical data may change without notice.