

Track spotlights

S3-6090H

Track spotlight

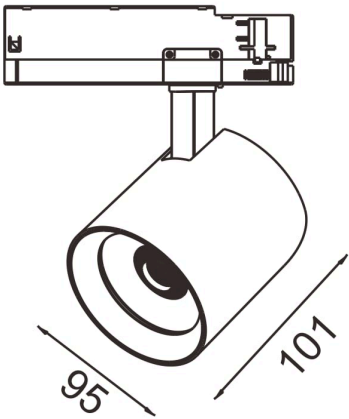


Track spotlight. 35 W. Four beam angles, 15° to 50°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 35 W	Luminous flux 3400–3700 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Magnetic track	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



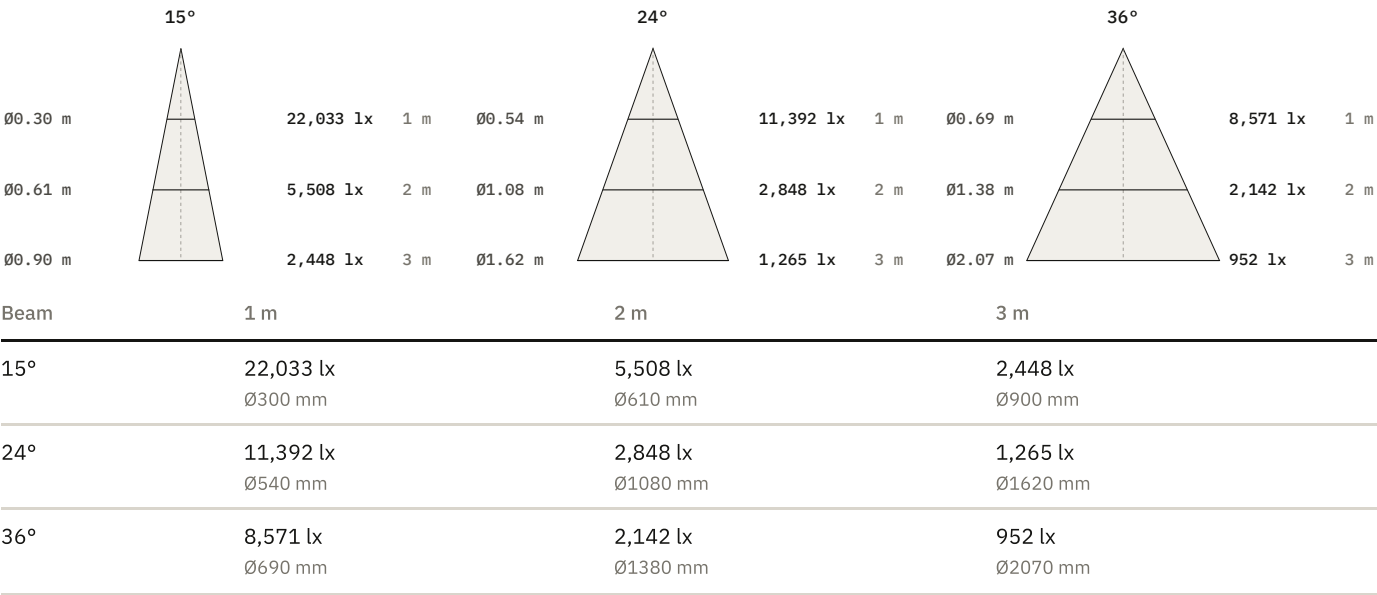
Models

Code	Version	Power	Flux	CRI	Size	Beam
S3-6090H	Lens	35 W	3400–3700 lm	97 CRI	95 × 101 mm	15° 24° 36° 50°

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.

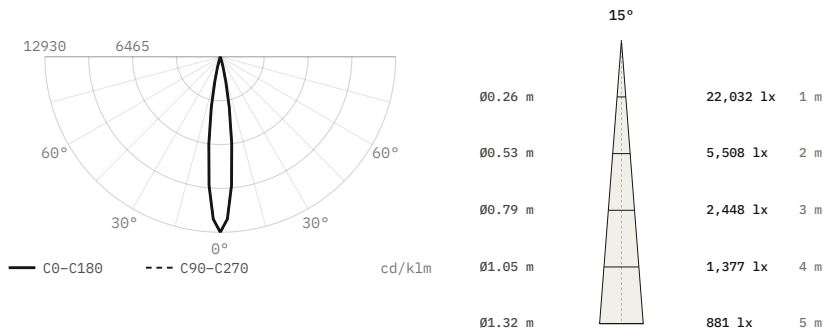
35 W



Photometry

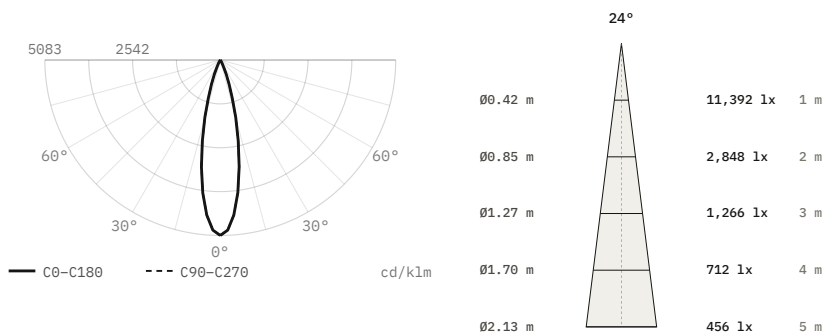
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6090H, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous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

S3-6090H, 35 W, 15° beam



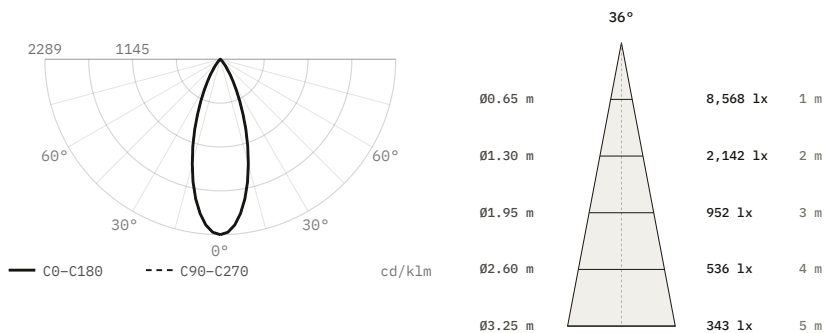
Luminous flux	1,704 lm
Efficacy	49 lm/W
Peak intensity	22,032 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	101 × 95 mm
Data	Calculated from catalogue data

S3-6090H, 35 W, 24° beam



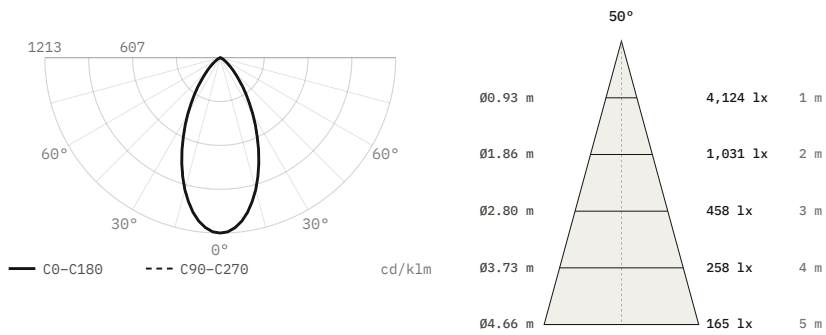
Luminous flux	2,241 lm
Efficacy	64 lm/W
Peak intensity	11,392 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	101 × 95 mm
Data	Calculated from catalogue data

S3-6090H, 35 W, 36° beam



Luminous flux	3,743 lm
Efficacy	107 lm/W
Peak intensity	8,568 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	101 × 95 mm
Data	Calculated from catalogue data

S3-6090H, 35 W, 50° beam



Luminous flux	3,400 lm
Efficacy	97 lm/W
Peak intensity	4,124 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	101 × 95 mm
Data	Calculated from catalogue data