Track spotlights

Anti-glare S3-6181

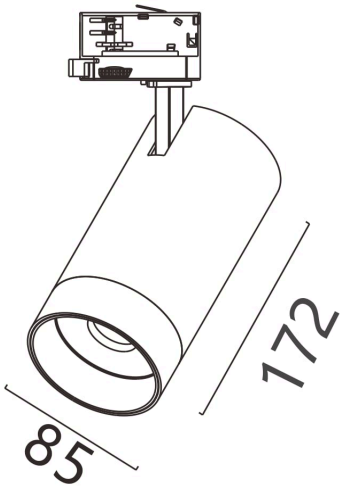
Track spotlight

Track spotlight. 24 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **24 W**	Luminous flux **1800–1900 lm**	Colour temperature **3000 K, 4000 K**
CRI **97 CRI**	Beam angles **15°, 24°, 38°, 60°**	IP rating **IP20**
Certifications **CE, RoHS, EMC, LVD**	Mounting **Recessed, Surface, Magnetic track**	Control **DALI-2, 0-10V, Triac**
Finishes **White, Black**		

Dimensions



Models

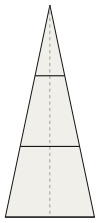
Code	Version	Power	Flux	CRI	Size	Beam
S3-6181	Track	24 W	1800–1900 lm	97 CRI	85 × 172 mm	15° 24° 38° 60°

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.

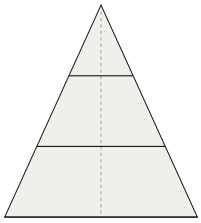
24 W

15°



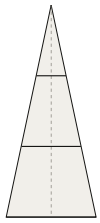
Ø0.39 m	11,860 lx	1 m
Ø0.78 m	2,965 lx	2 m
Ø1.17 m	1,317 lx	3 m

60°



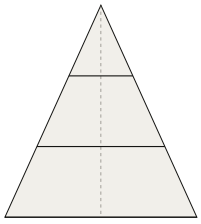
Ø0.84 m	3,722 lx	1 m
Ø1.68 m	930 lx	2 m
Ø2.53 m	413 lx	3 m

15°



Ø0.39 m	14,586 lx	1 m
Ø0.78 m	3,646 lx	2 m
Ø1.18 m	1,620 lx	3 m

60°



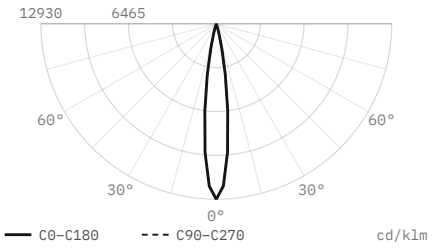
Ø0.84 m	4,600 lx	1 m
Ø1.68 m	1,150 lx	2 m
Ø2.52 m	511 lx	3 m

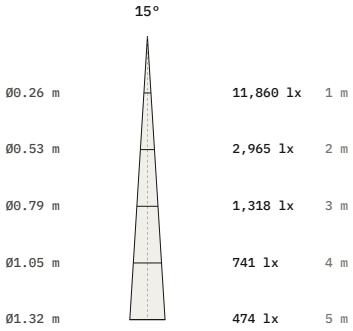
Beam	1 m	2 m	3 m
15°	11,860 lx Ø390 mm	2,965 lx Ø780 mm	1,317 lx Ø1170 mm
60°	3,722 lx Ø840 mm	930 lx Ø1680 mm	413 lx Ø2530 mm
15°	14,586 lx Ø390 mm	3,646 lx Ø780 mm	1,620 lx Ø1180 mm
60°	4,600 lx Ø840 mm	1,150 lx Ø1680 mm	511 lx Ø2520 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6181, 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.

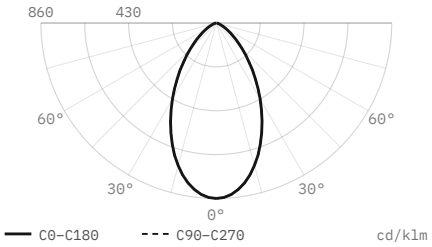
S3-6181, 24 W, 15° beam

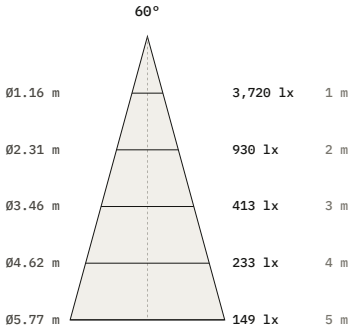




Luminous flux	917 lm
Efficacy	38 lm/W
Peak intensity	11,860 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	172 × 85 mm
Data	Calculated from catalogue data

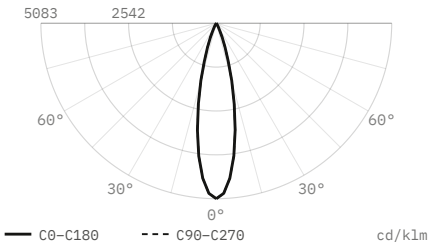
S3-6181, 24 W, 60° beam

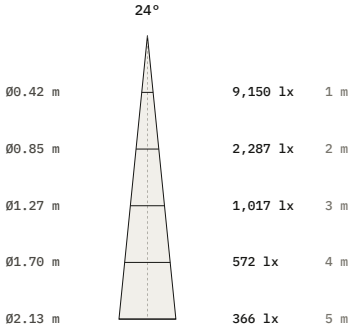




Luminous flux	4,324 lm
Efficacy	180 lm/W
Peak intensity	3,720 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	172 × 85 mm
Data	Calculated from catalogue data

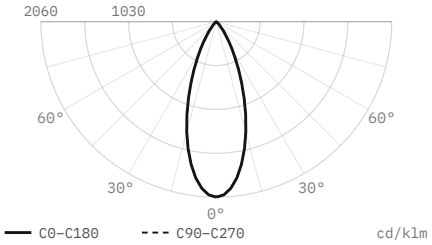
S3-6181, 24 W, 24° beam

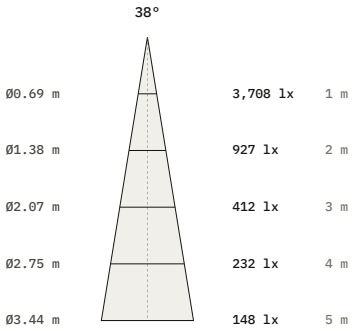




Luminous flux	1,800 lm
Efficacy	75 lm/W
Peak intensity	9,150 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	172 × 85 mm
Data	Calculated from catalogue data

S3-6181, 24 W, 38° beam





Luminous flux	1,800 lm
Efficacy	75 lm/W
Peak intensity	3,708 cd, 2,060 cd/klm
Beam angle (50%)	38°
Field angle (10%)	69.3°
Cut-off angle (2.5%)	43.5°
Flux 0–30° / 30–60° / 60–90°	83 / 16.9 / 0.1 %
Size	172 × 85 mm
Data	Calculated from catalogue data

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Technical data may change without notice.