

Track spotlights

High efficiency S3-6180G-B

Track spotlight

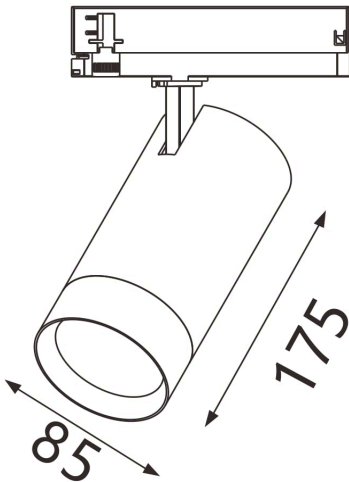


Track spotlight. 30 W. Four beam angles, 15° to 60°.
3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 30 W	Luminous flux 3900–4000 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



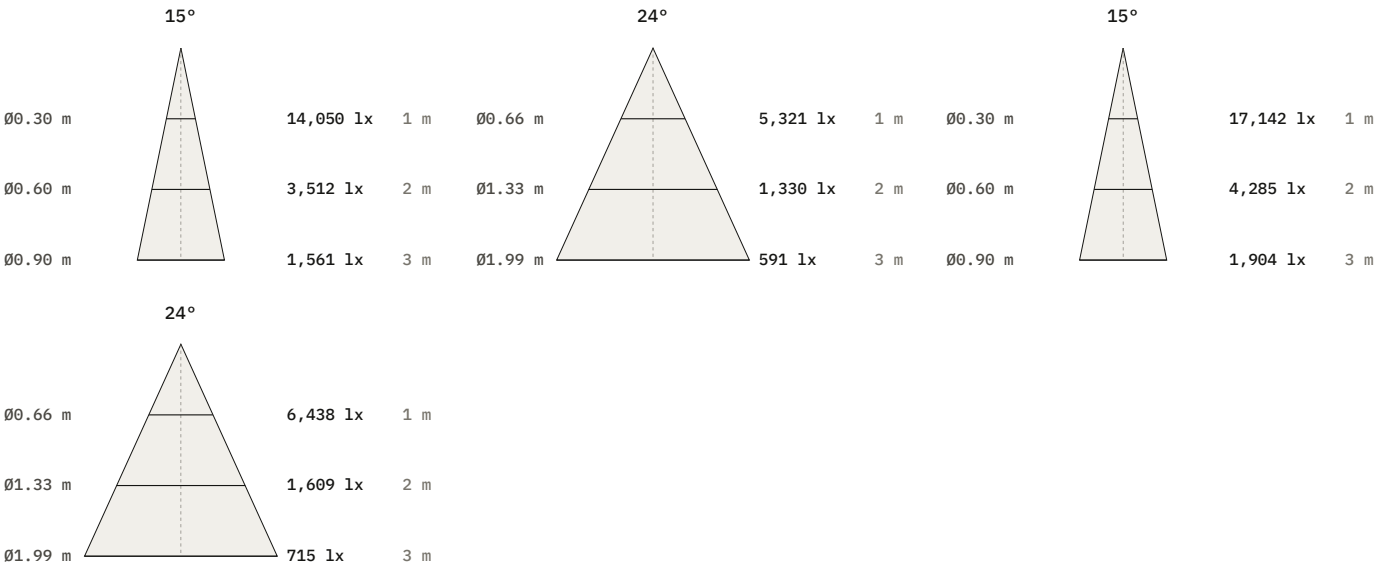
Models

Code	Version	Power	Flux	CRI	Size	Beam
S3-6180G-B	Track	30 W	3900–4000 lm	97 CRI	85 × 175 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.

30 W

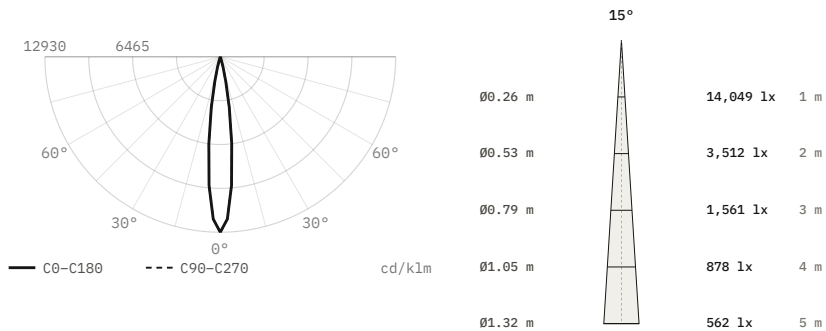


Beam	1 m	2 m	3 m
15°	14,050 lx Ø300 mm	3,512 lx Ø600 mm	1,561 lx Ø900 mm
24°	5,321 lx Ø660 mm	1,330 lx Ø1330 mm	591 lx Ø1990 mm
15°	17,142 lx Ø300 mm	4,285 lx Ø600 mm	1,904 lx Ø900 mm
24°	6,438 lx Ø660 mm	1,609 lx Ø1330 mm	715 lx Ø1990 mm

Photometry

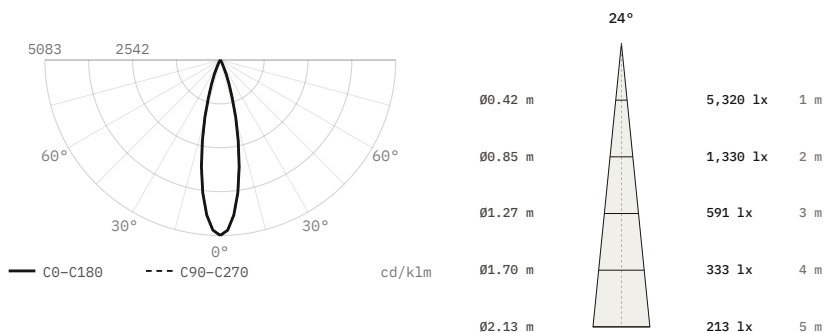
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-6180G-B, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-6180G-B, 30 W, 15° beam



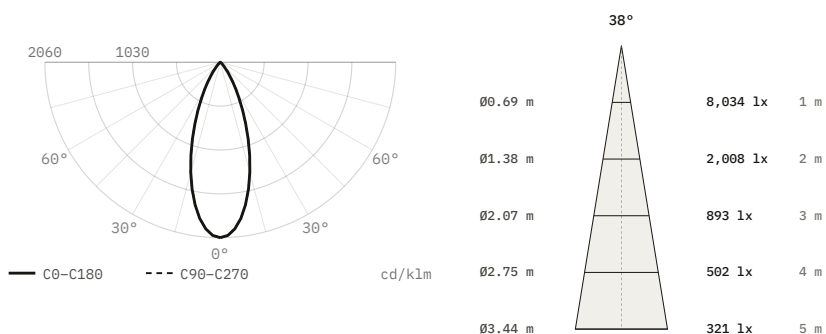
Luminous flux	1,087 lm
Efficacy	36 lm/W
Peak intensity	14,049 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	175 × 85 mm
Data	Calculated from catalogue data

S3-6180G-B, 30 W, 24° beam



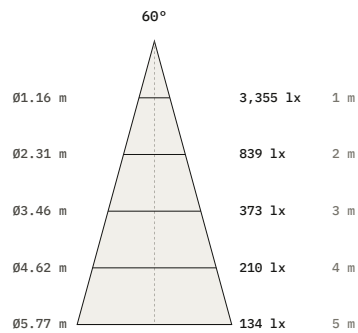
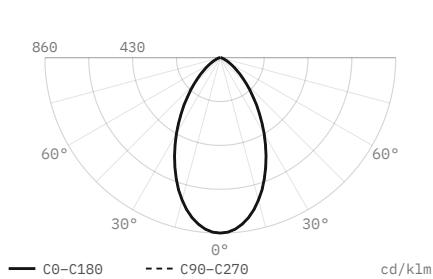
Luminous flux	1,047 lm
Efficacy	35 lm/W
Peak intensity	5,320 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	175 × 85 mm
Data	Calculated from catalogue data

S3-6180G-B, 30 W, 38° beam



Luminous flux	3,900 lm
Efficacy	130 lm/W
Peak intensity	8,034 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	175 × 85 mm
Data	Calculated from catalogue data

S3-6180G-B, 30 W, 60° beam



Luminous flux	3,900 lm
Efficacy	130 lm/W
Peak intensity	3,355 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	175 × 85 mm
Data	Calculated from catalogue data