

Track spotlights

Anti-glare R3-6181

Track spotlight

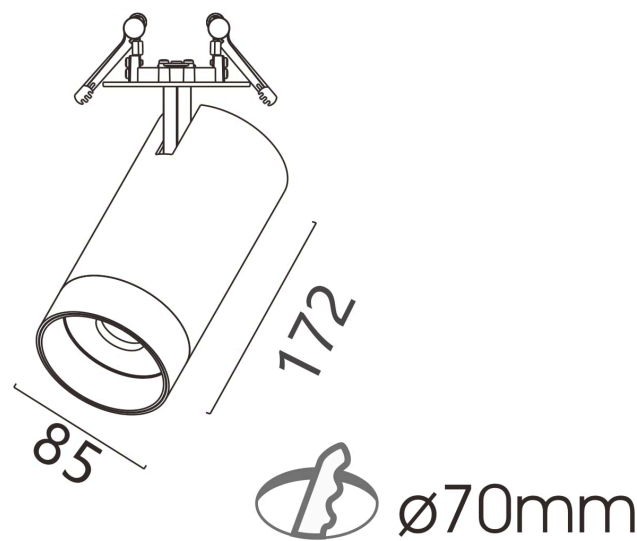


Track spotlight. 30 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø70 mm
- LED source: Citizen

Power 30 W	Luminous flux 2300–2400 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



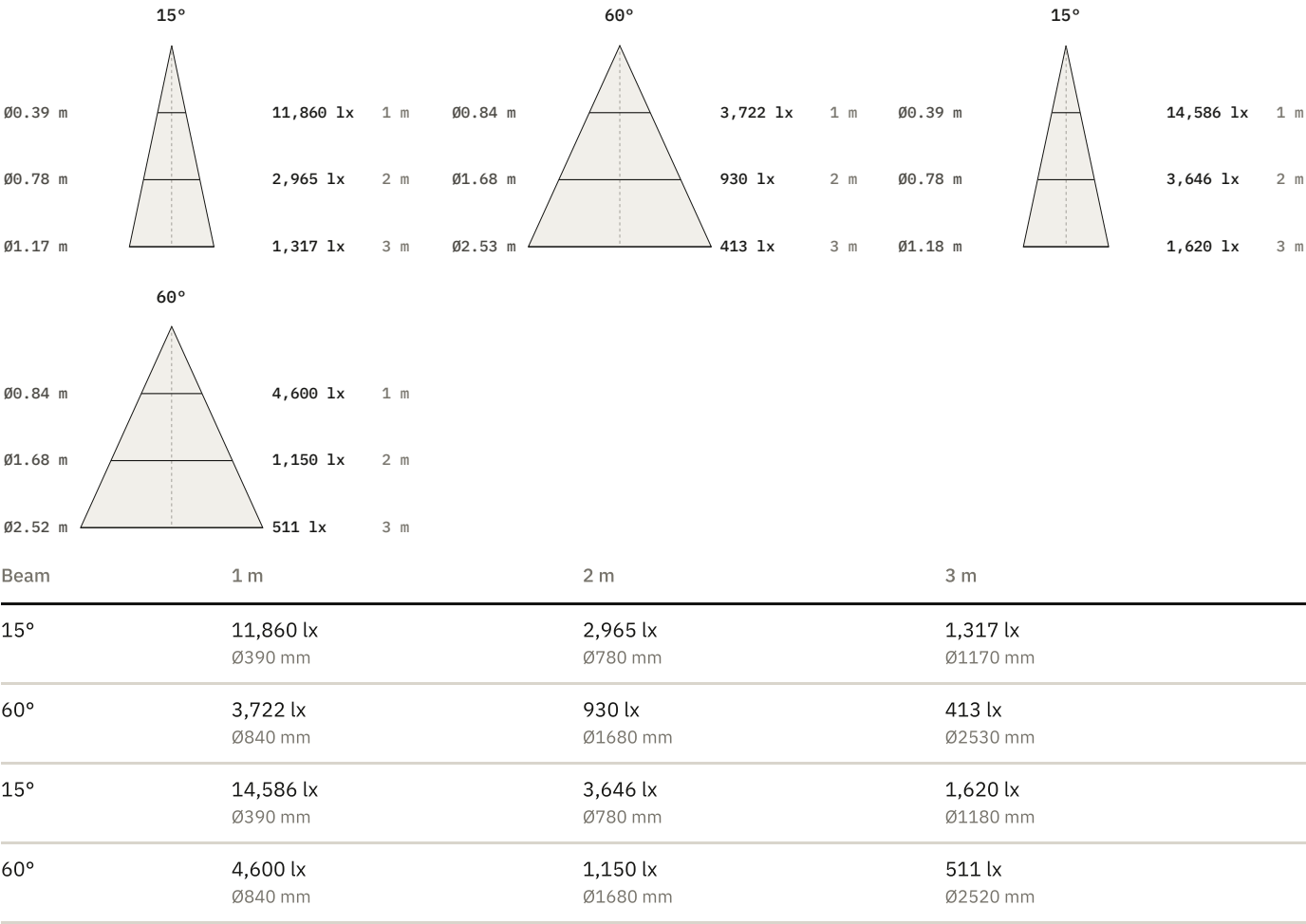
Models

Code	Version	Power	Flux	CRI	Size	Cut-out	Beam
R3-6181	Recessed	30 W	2300–2400 lm	97 CRI	85 × 172 mm	Ø70 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.

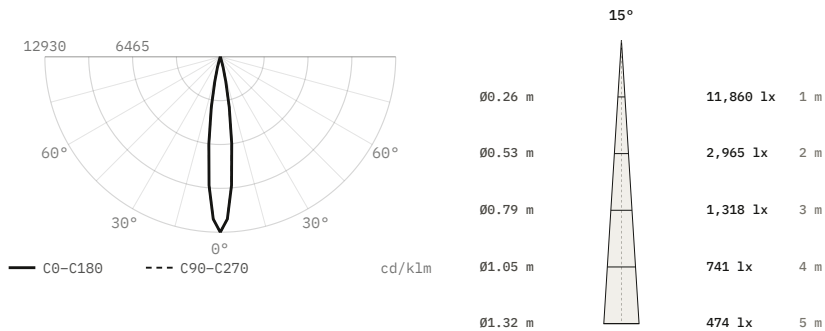
30 W



Photometry

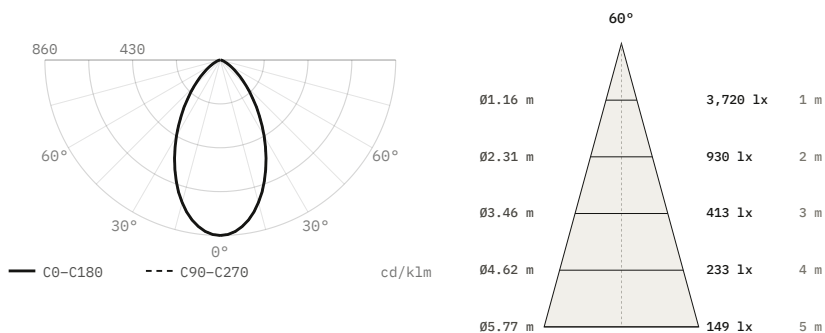
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-6181, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-6181, 30 W, 15° beam



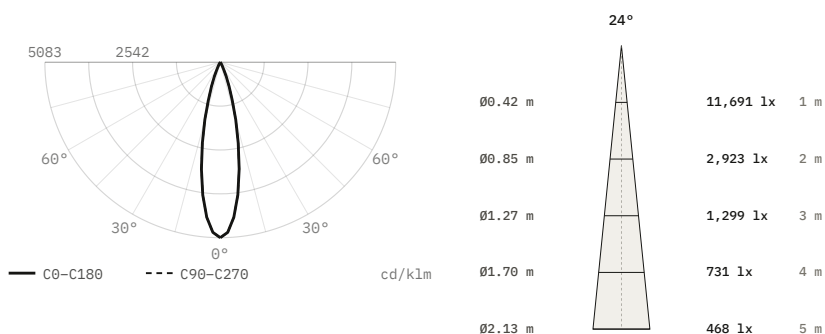
Luminous flux	917 lm
Efficacy	31 lm/W
Peak intensity	11,860 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	172 × 85 mm
Data	Calculated from catalogue data

R3-6181, 30 W, 60° beam



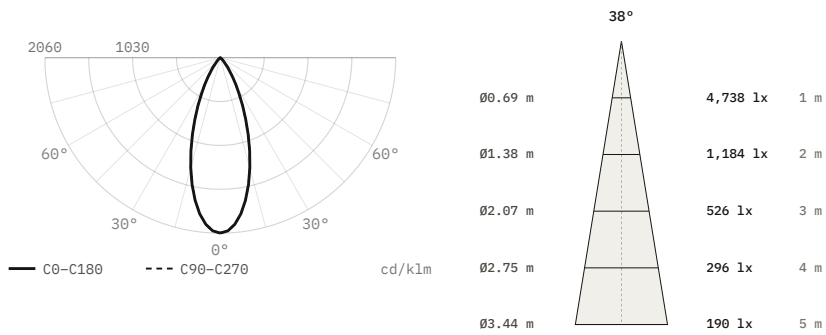
Luminous flux	4,324 lm
Efficacy	144 lm/W
Peak intensity	3,720 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	172 × 85 mm
Data	Calculated from catalogue data

R3-6181, 30 W, 24° beam



Luminous flux	2,300 lm
Efficacy	77 lm/W
Peak intensity	11,691 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

R3-6181, 30 W, 38° beam



Luminous flux	2,300 lm
Efficacy	77 lm/W
Peak intensity	4,738 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