

Track spotlights

Lens C3-6180H

Track spotlight

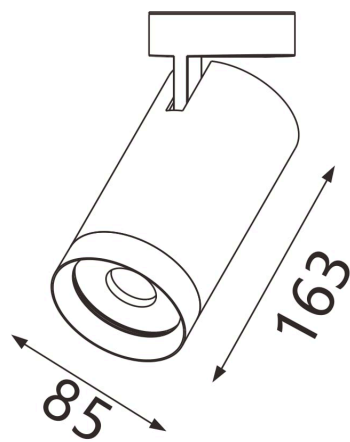


Track spotlight. 24 W. Four beam angles, 15° to 60°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 24 W	Luminous flux 2500–2600 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



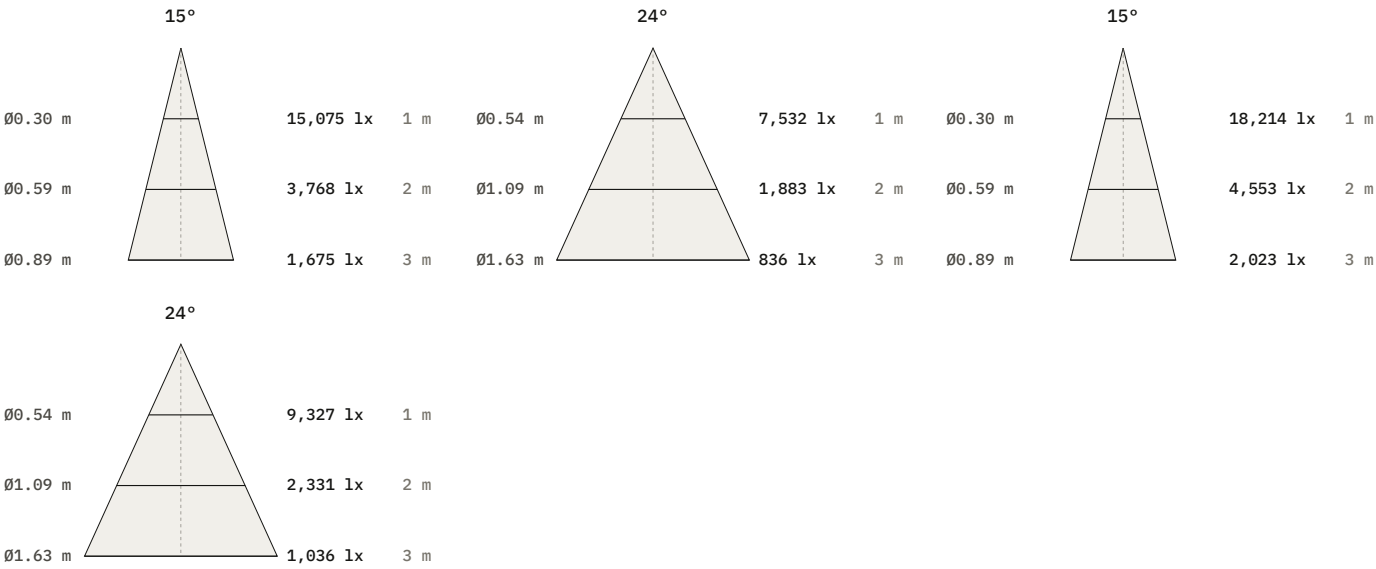
Models

Code	Version	Power	Flux	CRI	Size	Beam
C3-6180H	Surface mount	24 W	2500–2600 lm	97 CRI	85 × 163 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

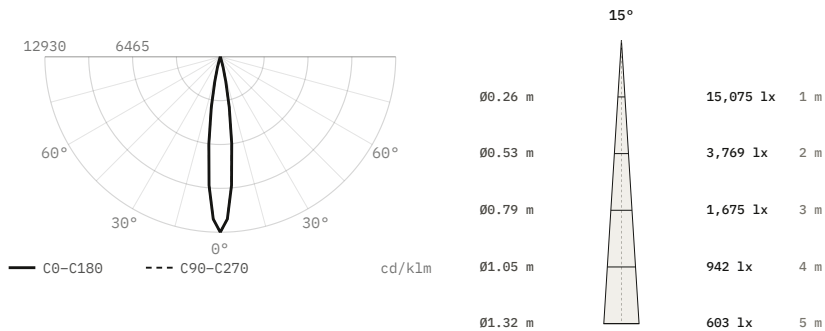


Beam	1 m	2 m	3 m
15°	15,075 lx Ø300 mm	3,768 lx Ø590 mm	1,675 lx Ø890 mm
24°	7,532 lx Ø540 mm	1,883 lx Ø1090 mm	836 lx Ø1630 mm
15°	18,214 lx Ø300 mm	4,553 lx Ø590 mm	2,023 lx Ø890 mm
24°	9,327 lx Ø540 mm	2,331 lx Ø1090 mm	1,036 lx Ø1630 mm

Photometry

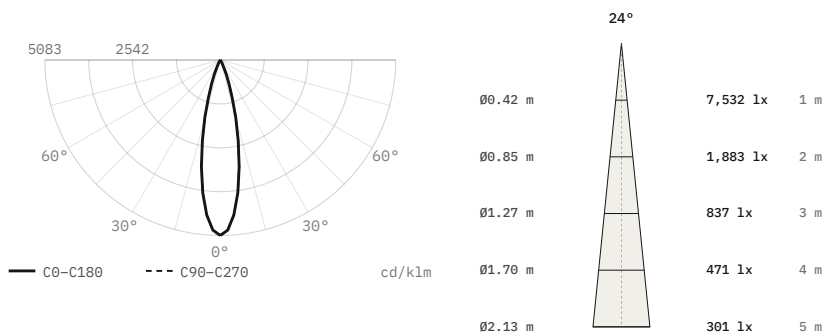
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for C3-6180H, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

C3-6180H, 24 W, 15° beam



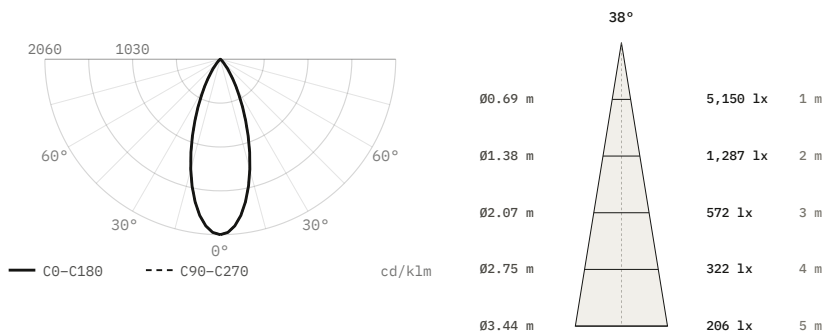
Luminous flux	1,166 lm
Efficacy	49 lm/W
Peak intensity	15,075 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	163 × 85 mm
Data	Calculated from catalogue data

C3-6180H, 24 W, 24° beam



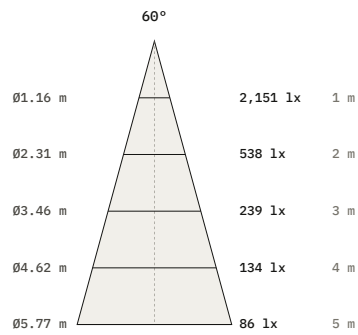
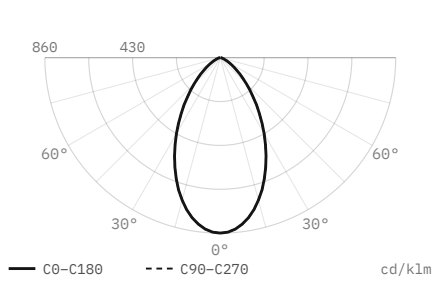
Luminous flux	1,482 lm
Efficacy	62 lm/W
Peak intensity	7,532 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	163 × 85 mm
Data	Calculated from catalogue data

C3-6180H, 24 W, 38° beam



Luminous flux	2,500 lm
Efficacy	104 lm/W
Peak intensity	5,150 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	163 × 85 mm
Data	Calculated from catalogue data

C3-6180H, 24 W, 60° beam



Luminous flux	2,500 lm
Efficacy	104 lm/W
Peak intensity	2,151 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	163 × 85 mm
Data	Calculated from catalogue data

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Technical data may change without notice.