

Magnetic 23 mm system

Spotlight CX-8149

23 mm spotlight

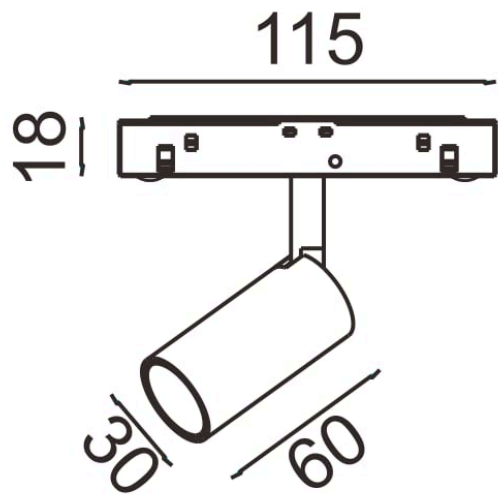


Spotlight for the 23 mm magnetic track. 3 W. Three beam angles, 15° to 45°. 2700, 3000, 4000 K. 97 CRI.

- LED source: Citizen
- UGR <19

Power 3 W	Voltage 48 V	Luminous flux 270 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 30°, 45°
IP rating IP20	Certifications CE, RoHS	Mounting Magnetic track
Control DALI, 0-10V, Bluetooth, Casambi	Finishes White, Black, Grey	

Dimensions



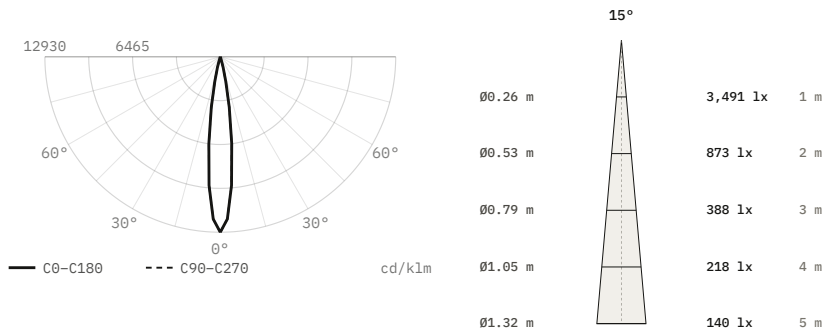
Models

Code	Version	Power	Voltage	Flux	CRI	Size	Beam
CX-8149	Short arm	3 W	48 V	270 lm	97 CRI	30 × 60 mm	15° 30° 45°

Photometry

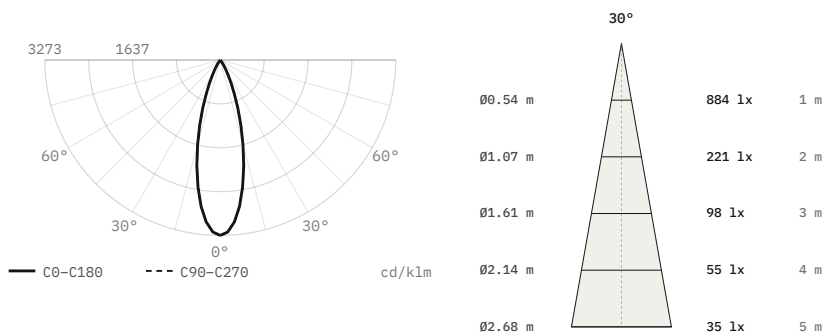
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CX-8149, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

CX-8149, 3 W, 15° beam



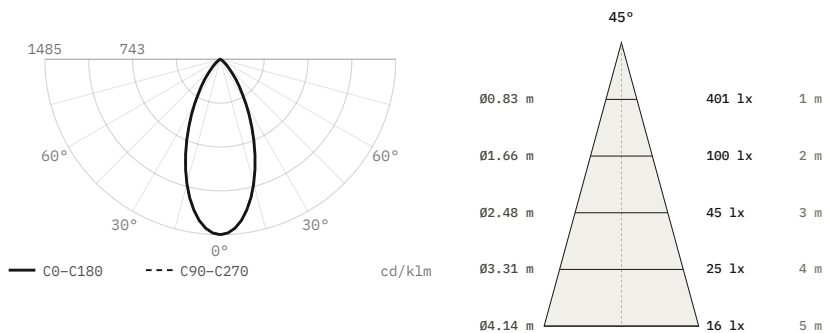
Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	3,491 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	60 × 30 mm
Data	Calculated from catalogue data

CX-8149, 3 W, 30° beam



Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	884 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	60 × 30 mm
Data	Calculated from catalogue data

CX-8149, 3 W, 45° beam



Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	401 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	60 × 30 mm
Data	Calculated from catalogue data

