

Magnetic 23 mm system

Spotlight CX-8143

23 mm spotlight

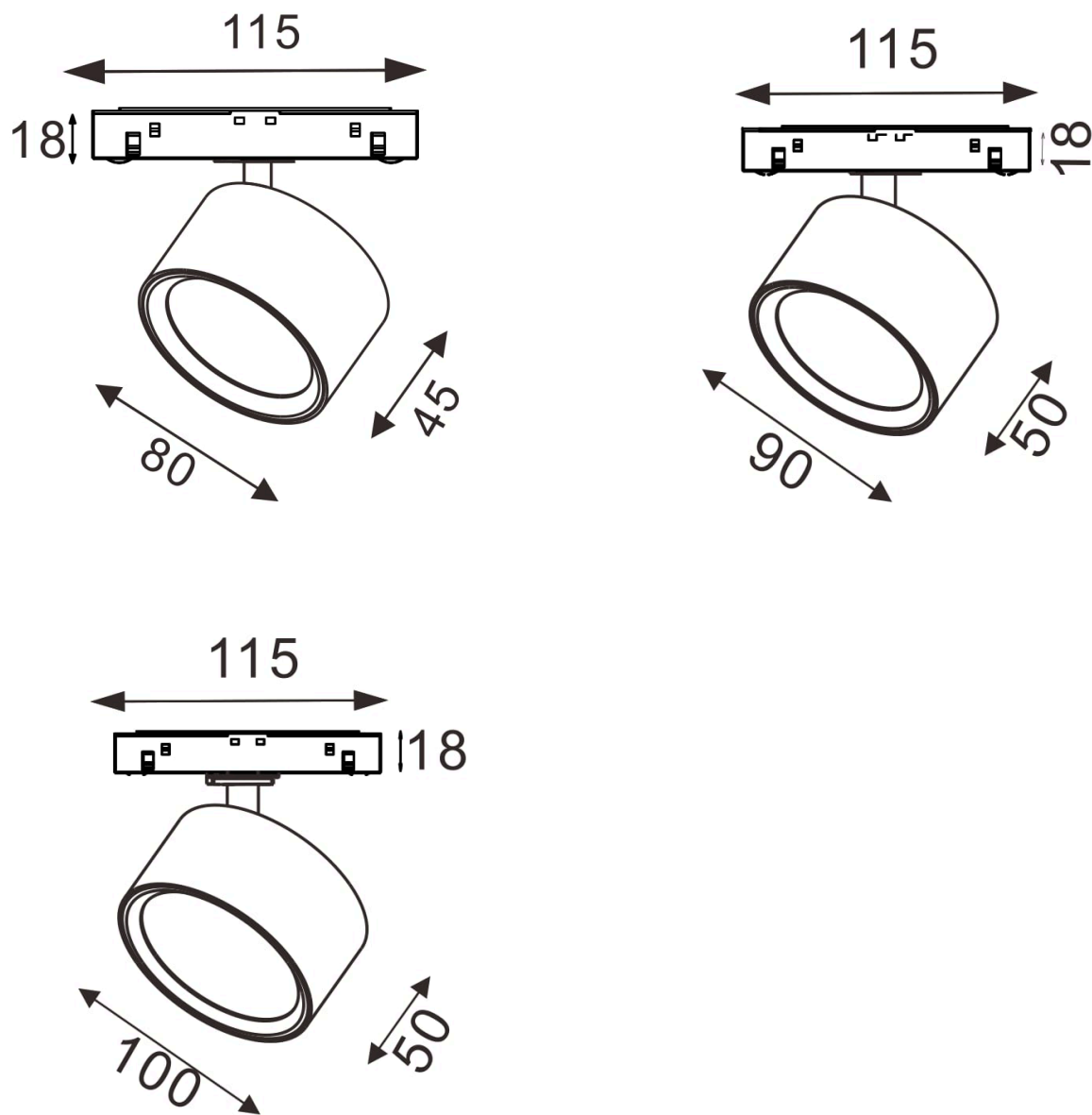


Spotlight for the 23 mm magnetic track. 12, 15 or 20 W.
Beam angles 15° to 60°, by model. 2700, 3000,
4000 K. 97 CRI.

- LED source: Citizen
- UGR <19

Power 12 W, 15 W, 20 W	Voltage 48 V	Luminous flux 1100 lm, 1350 lm, 1800 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 38°, 60°
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-8143	Short arm	12 W	48 V	1100 lm	97 CRI	80 × 45 mm	15° 24° 36° 60°
CX-9143	Long arm	12 W	48 V	1100 lm	97 CRI	80 × 45 mm	15° 24° 36° 60°
CX-8144	Short arm	15 W	48 V	1350 lm	97 CRI	90 × 50 mm	15° 24° 36° 60°
CX-9144	Long arm	15 W	48 V	1350 lm	97 CRI	90 × 50 mm	15° 24° 36° 60°
CX-8145	Short arm	20 W	48 V	1800 lm	97 CRI	100 × 50 mm	15° 24° 38°

Code	Version	Power	Voltage	Flux	CRI	Size	Beam
CX-9145	Long arm	20 W	48 V	1800 lm	97 CRI	100 × 50 mm	15° 24° 38°

Finishes



Black

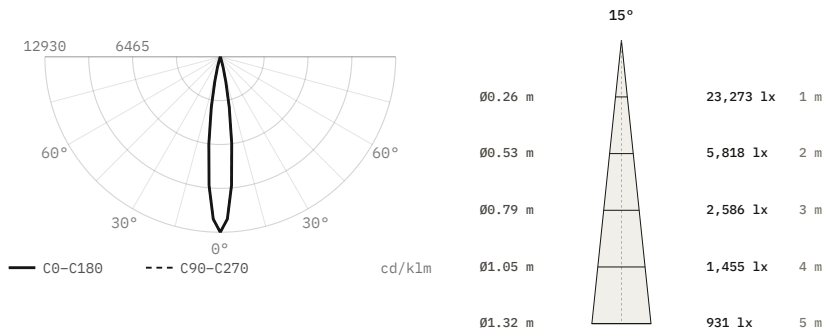


Grey

Photometry

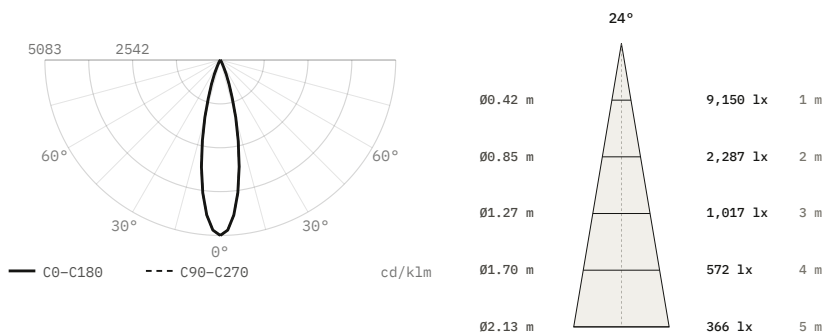
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CX-8145, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

CX-8145, 20 W, 15° beam



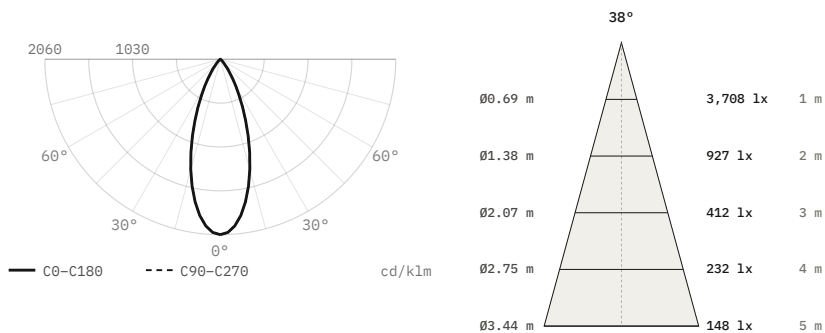
Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	23,273 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	100 × 50 mm
Data	Calculated from catalogue data

CX-8145, 20 W, 24° beam



Luminous flux	1,800 lm
Efficacy	90 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	100 × 50 mm
Data	Calculated from catalogue data

CX-8145, 20 W, 38° beam



Luminous flux	1,800 lm
Efficacy	90 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	100 × 50 mm
Data	Calculated from catalogue data

