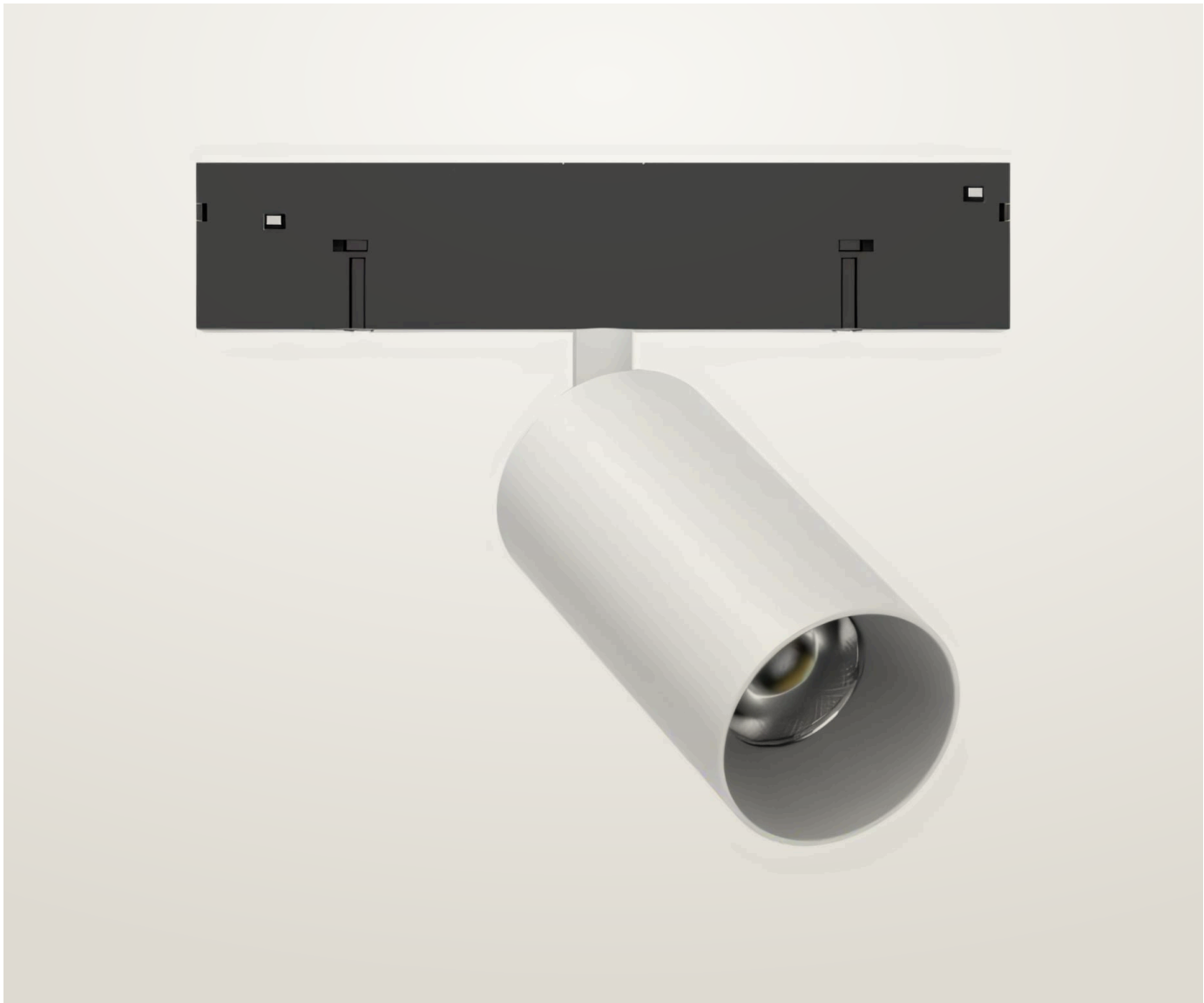


Moon system

A45

Moon spotlight



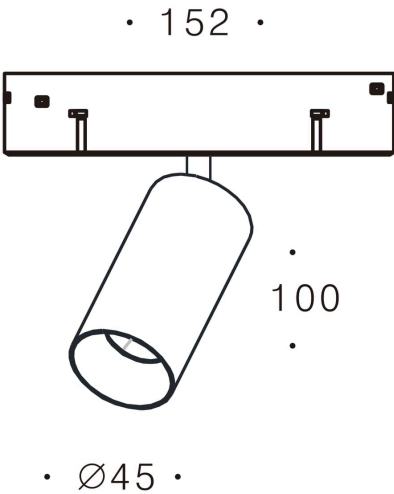
Spotlight for the Moon magnetic track. 12 W. Five beam angles, 10° to 50°. 2700, 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 12 W	Voltage 48 V DC	Colour temperature 2700 K, 3000 K, 4000 K
CRI 97 CRI	Beam angles 10°, 15°, 24°, 36°, 50°	IP rating IP20
Mounting Magnetic track	Control On/Off, Triac	Finishes White, Black, Silver, Brass, Bronze

Dimensions

M-P03+A45



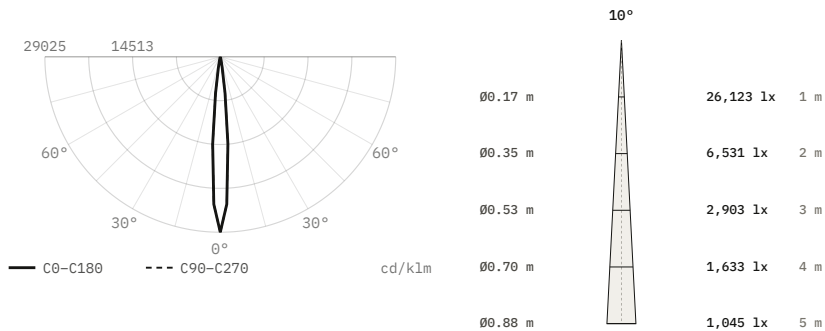
Models

Code	Power	Voltage	CRI	Size	Beam	Notes
A45	12 W	48 V DC	97 CRI	Ø45 × 100 mm; connector 152 mm	10° 15° 24° 36° 50°	LED 36 V, 300 mA

Photometry

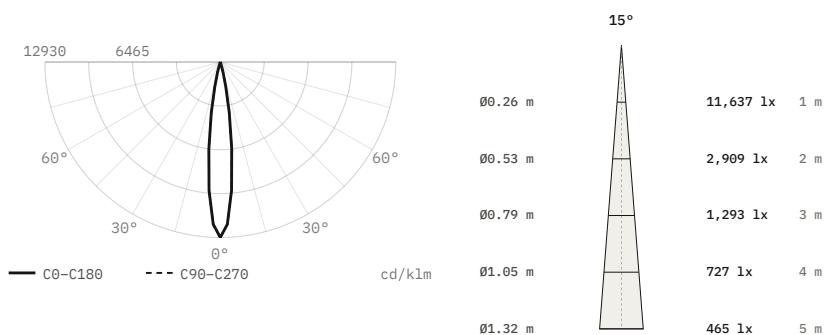
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for A45, from the same data as the IES and LDT files on the product page. Estimated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

A45, 12 W, 10° beam



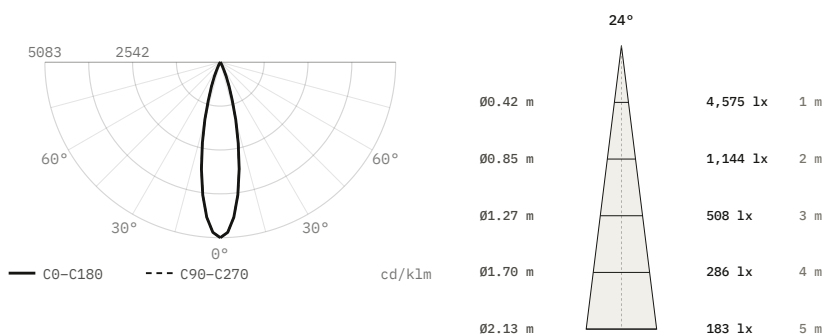
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	26,123 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø45 × 100 mm
Data	Estimated from catalogue data

A45, 12 W, 15° beam



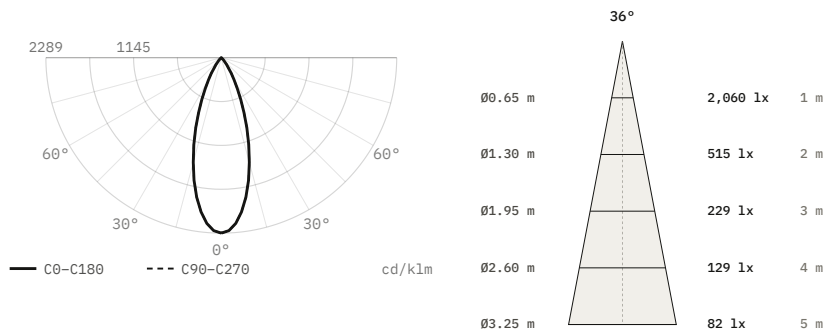
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	11,637 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø45 × 100 mm
Data	Estimated from catalogue data

A45, 12 W, 24° beam



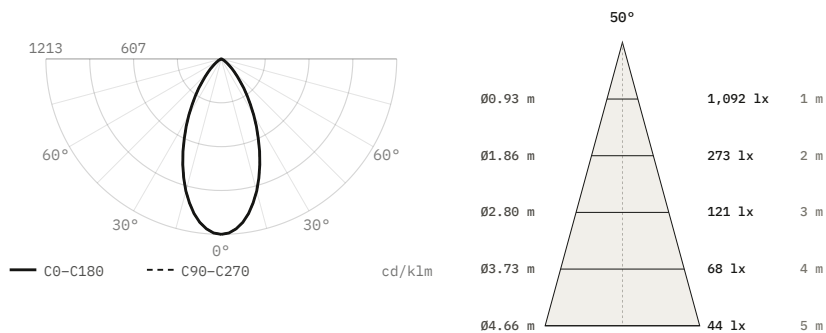
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	4,575 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø45 × 100 mm
Data	Estimated from catalogue data

A45, 12 W, 36° beam



Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	2,060 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø45 × 100 mm
Data	Estimated from catalogue data

A45, 12 W, 50° beam



Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	1,092 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	Ø45 × 100 mm
Data	Estimated from catalogue data

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Technical data may change without notice.