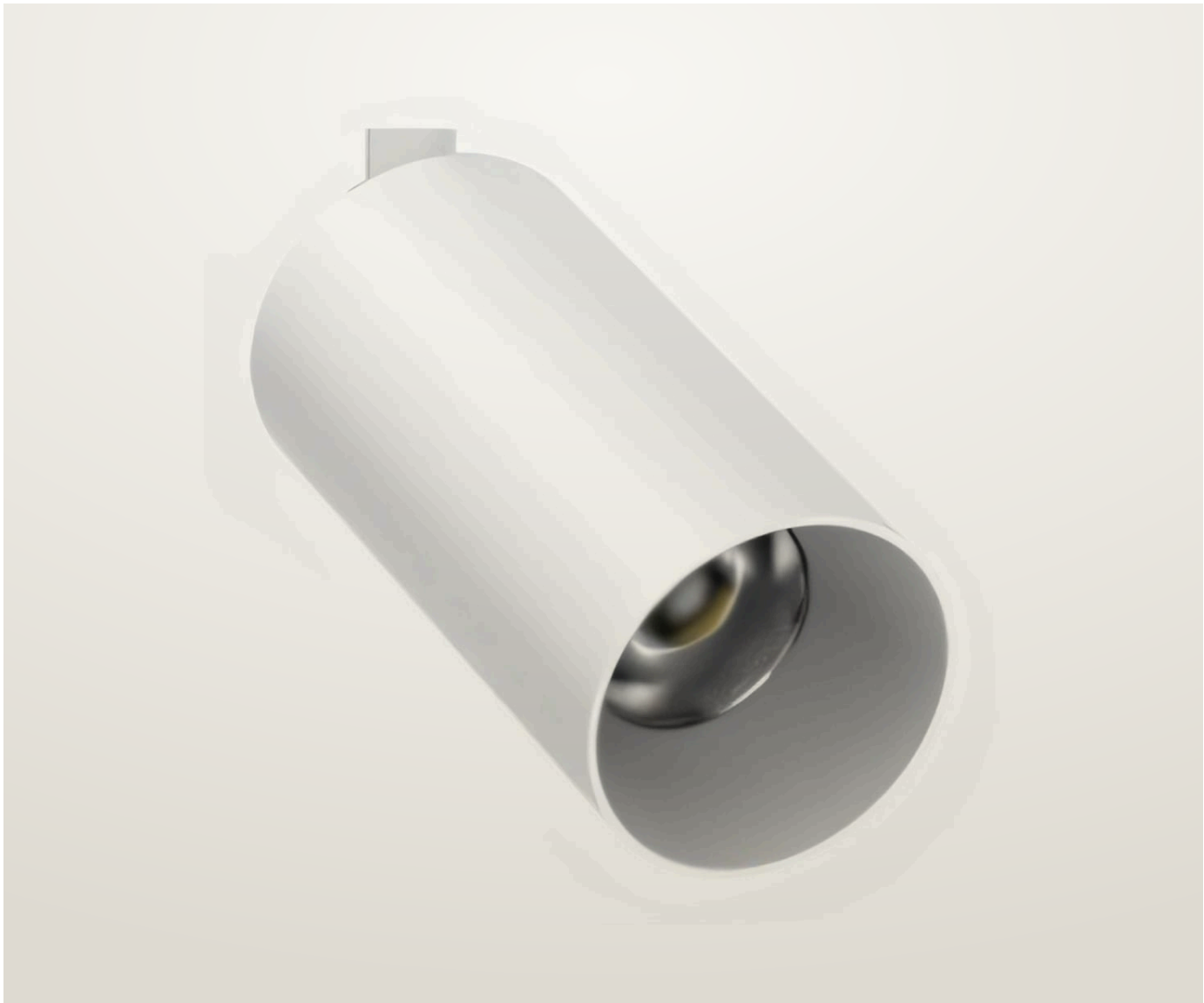


Moon system

Moon A M-P04+A45

Moon recessed spotlight



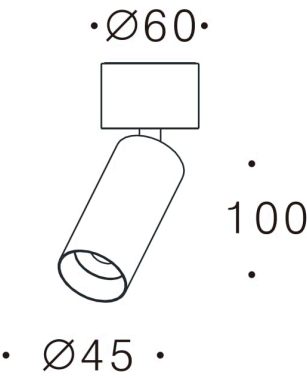
Recessed spotlight from the Moon range. 12 W. Five beam angles, 10° to 50°. 2700, 3000, 4000 K. 97 CRI.

— 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 Recessed, Surface	Control On/Off, Triac	Finishes White, Black, Silver, Brass, Bronze

Dimensions

M-P04+A45 12W



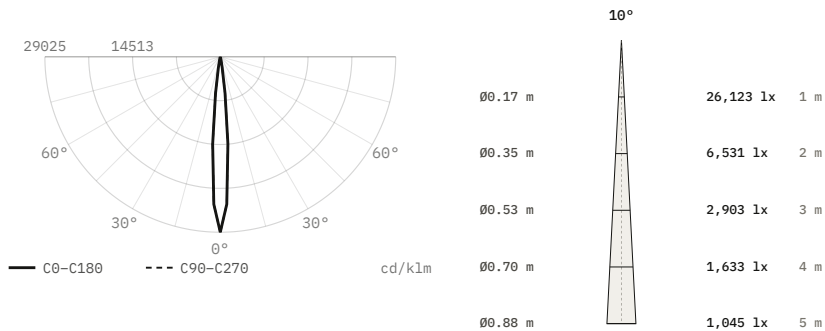
Models

Code	Power	Voltage	CRI	Size	Beam	Notes
M-P04+A45	12 W	48 V DC	97 CRI	Base Ø60 mm; head Ø45 × 100 mm	10° 15° 24° 36° 50°	LED 36 V, 300 mA

Photometry

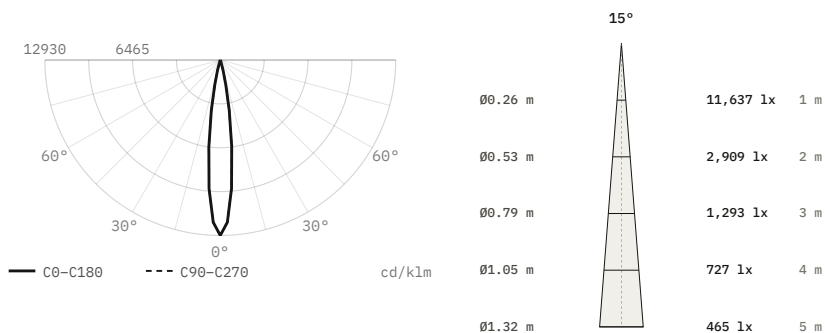
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for M-P04+A45, from the same data as the IES and LDT files on the product page. Estimated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

M-P04+A45, 12 W, 10° beam



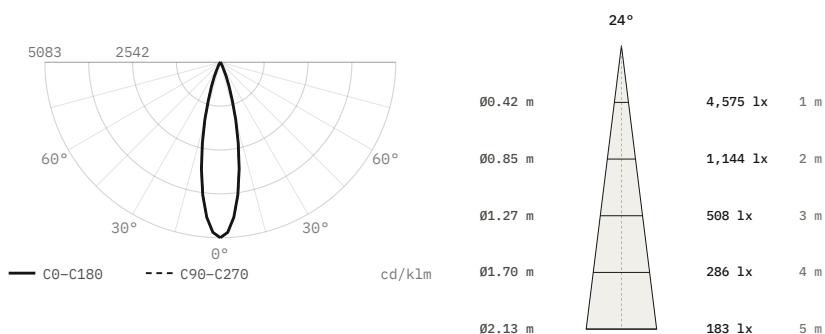
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	26,123 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø60 mm
Data	Estimated from catalogue data

M-P04+A45, 12 W, 15° beam



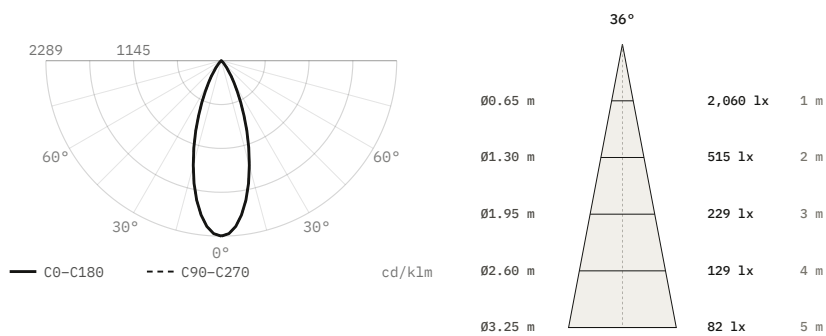
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	11,637 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø60 mm
Data	Estimated from catalogue data

M-P04+A45, 12 W, 24° beam



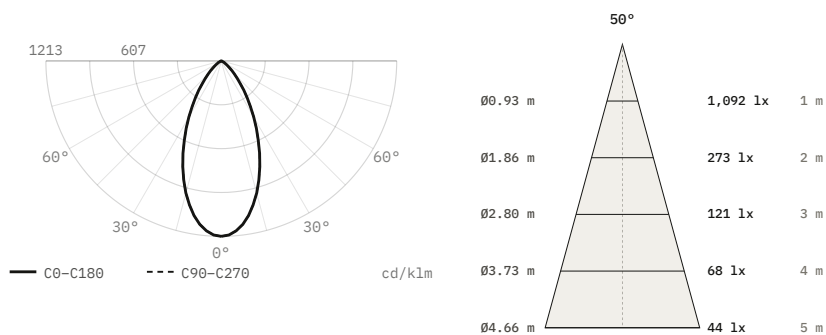
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	4,575 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø60 mm
Data	Estimated from catalogue data

M-P04+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	Ø60 mm
Data	Estimated from catalogue data

M-P04+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	Ø60 mm
Data	Estimated from catalogue data

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Technical data may change without notice.