Moon system

Moon B M-P01+B50

Moon recessed spotlight

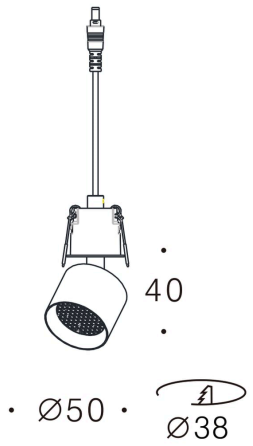
Recessed spotlight from the Moon range. 6 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø38 mm
- LED source: Citizen

Power **6 W**	Voltage **48 V DC**	Colour temperature **2700 K, 3000 K, 4000 K**
CRI **97 CRI**	Beam angles **15°, 24°, 36°, 60°**	IP rating **IP20**
Mounting **Recessed, Surface**	Control **On/Off, Triac**	Finishes **White, Black, Silver, Brass, Bronze**

Dimensions

M-P01+B50 6W



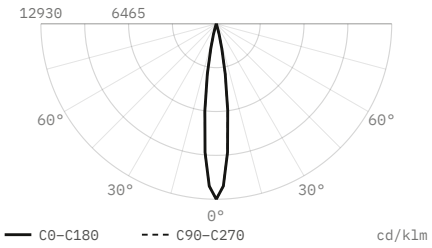
Models

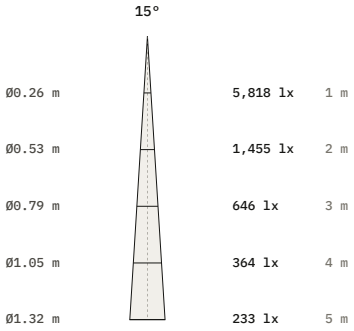
Code	Power	Voltage	CRI	Size	Cut-out	Beam	Notes
M-P01+B50	6 W	48 V DC	97 CRI	Head Ø50 × 40 mm	Ø38 mm	15° 24° 36° 60°	LED 36 V, 150 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for M-P01+B50, 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.

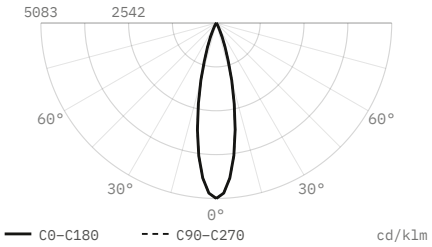
M-P01+B50, 6 W, 15° beam

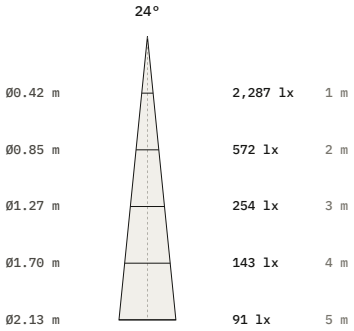




Luminous flux	450 lm
Efficacy	75 lm/W
Peak intensity	5,818 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø50 × 40 mm
Data	Estimated from catalogue data

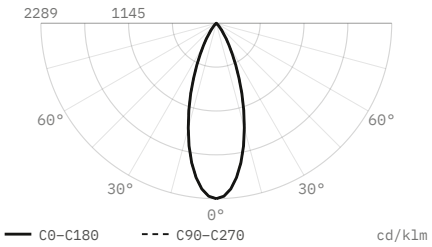
M-P01+B50, 6 W, 24° beam

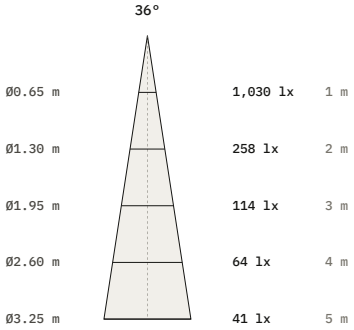




Luminous flux	450 lm
Efficacy	75 lm/W
Peak intensity	2,287 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø50 × 40 mm
Data	Estimated from catalogue data

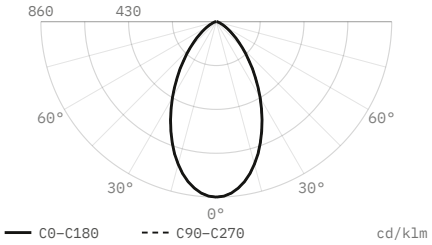
M-P01+B50, 6 W, 36° beam

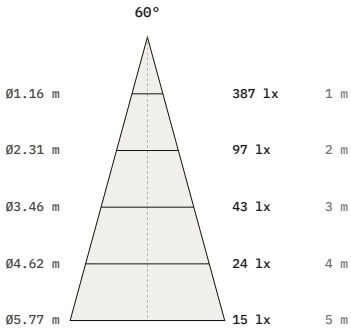




Luminous flux	450 lm
Efficacy	75 lm/W
Peak intensity	1,030 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø50 × 40 mm
Data	Estimated from catalogue data

M-P01+B50, 6 W, 60° beam





Luminous flux	450 lm
Efficacy	75 lm/W
Peak intensity	387 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	Ø50 × 40 mm
Data	Estimated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.