Downlights

TL-M7-1

Recessed spotlight

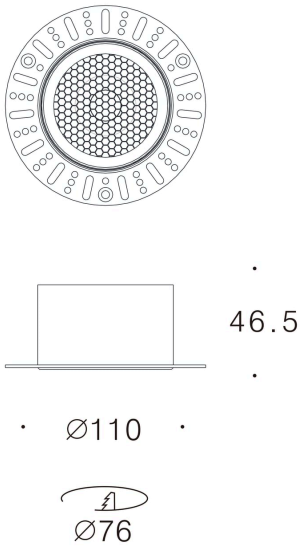


Recessed spotlight. 12 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø76 mm
- LED source: Citizen

Power **12 W**	Voltage **36 V**	Colour temperature **2700 K, 3000 K, 4000 K**
CRI **97 CRI**	Beam angles **15°, 24°, 36°, 60°**	IP rating **IP20**
Mounting **Recessed**	Control **On/Off**	Finishes **Black**

Dimensions



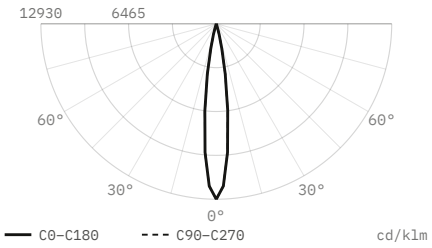
Models

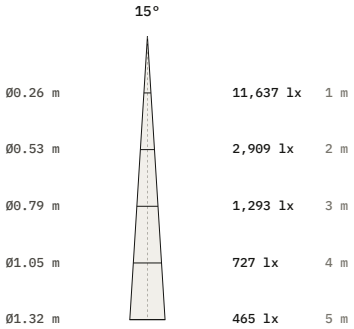
Code	Power	Voltage	CRI	Size	Cut-out	Beam	Notes
TL-M7-1	12 W	36 V	97 CRI	Ø110, height 46.5 mm	Ø76 mm	15° 24° 36° 60°	300 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for TL-M7-1, 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.

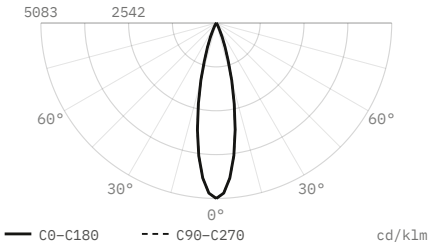
TL-M7-1, 12 W, 15° beam

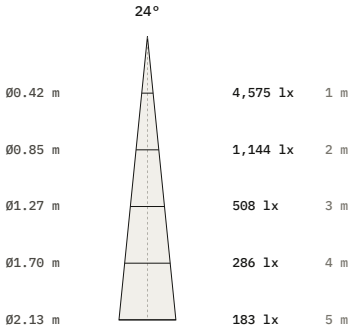




Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	11,637 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø110 × 46.5 mm
Data	Estimated from catalogue data

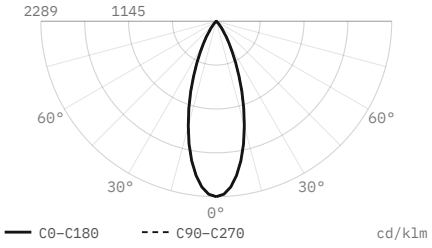
TL-M7-1, 12 W, 24° beam

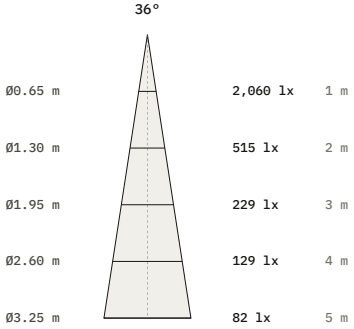




Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	4,575 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø110 × 46.5 mm
Data	Estimated from catalogue data

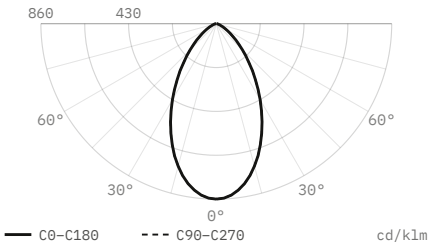
TL-M7-1, 12 W, 36° beam

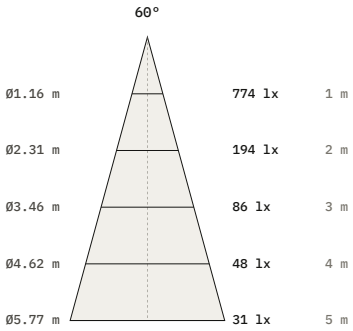




Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	2,060 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø110 × 46.5 mm
Data	Estimated from catalogue data

TL-M7-1, 12 W, 60° beam





Luminous flux	**900 lm**
Efficacy	**75 lm/W**
Peak intensity	**774 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	**Ø110 × 46.5 mm**
Data	**Estimated from catalogue data**

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Technical data may change without notice.