Downlights

# RE-M7-1

Recessed spotlight

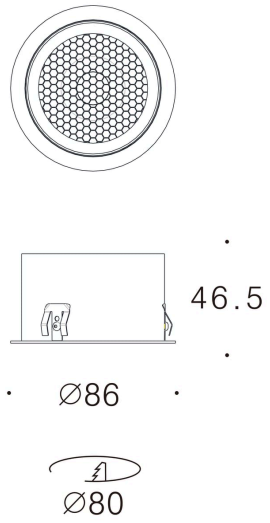


Recessed spotlight. 12 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø80 mm
- LED source: Citizen

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

## Dimensions



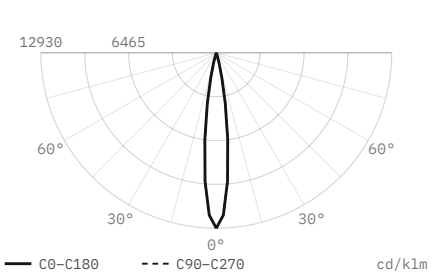

## Models

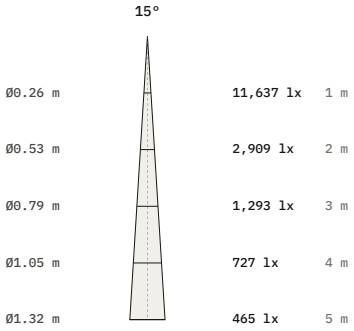
| Code | Power | Voltage | CRI | Size | Cut-out | Beam | Notes |
|---|---|---|---|---|---|---|---|
| **RE-M7-1** | 12 W | 36 V | 97 CRI | Ø86, height 46.5 mm | Ø80 mm | 15° 24° 36° 60° | 300 mA |

# Photometry

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

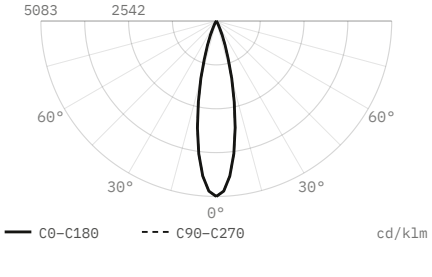
## RE-M7-1, 12 W, 15° beam

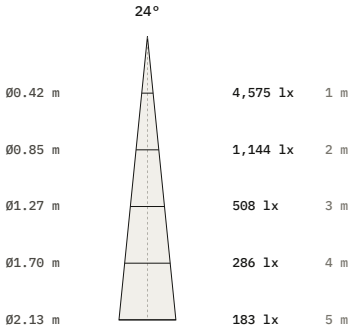



| | |
|---|---|
| Luminous flux | 900 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 11,637 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | Ø86 × 46.5 mm |
| Data | Estimated from catalogue data |

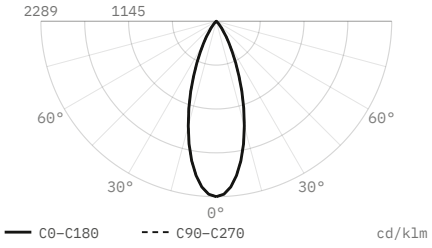
## RE-M7-1, 12 W, 24° beam

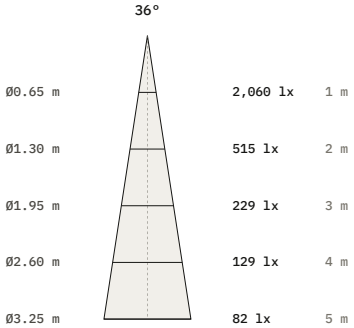



| | |
|---|---|
| Luminous flux | 900 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 4,575 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | Ø86 × 46.5 mm |
| Data | Estimated from catalogue data |

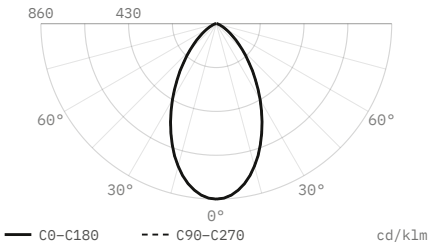
## RE-M7-1, 12 W, 36° beam

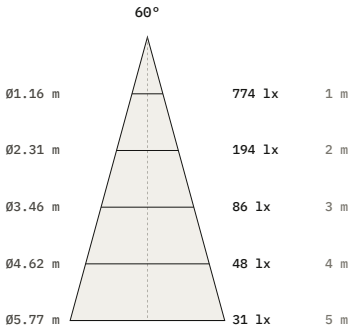



| | |
|---|---|
| Luminous flux | 900 lm |
| Efficacy | 75 lm/W |
| Peak intensity | 2,060 cd, 2,289 cd/klm |
| Beam angle (50%) | 36° |
| Field angle (10%) | 65.6° |
| Cut-off angle (2.5%) | 41.5° |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 % |
| Size | Ø86 × 46.5 mm |
| Data | Estimated from catalogue data |

## RE-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 | **Ø86 × 46.5 mm** |
| Data | **Estimated from catalogue data** |

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Technical data may change without notice.