Downlights

# Robo DL1338

Recessed spotlight

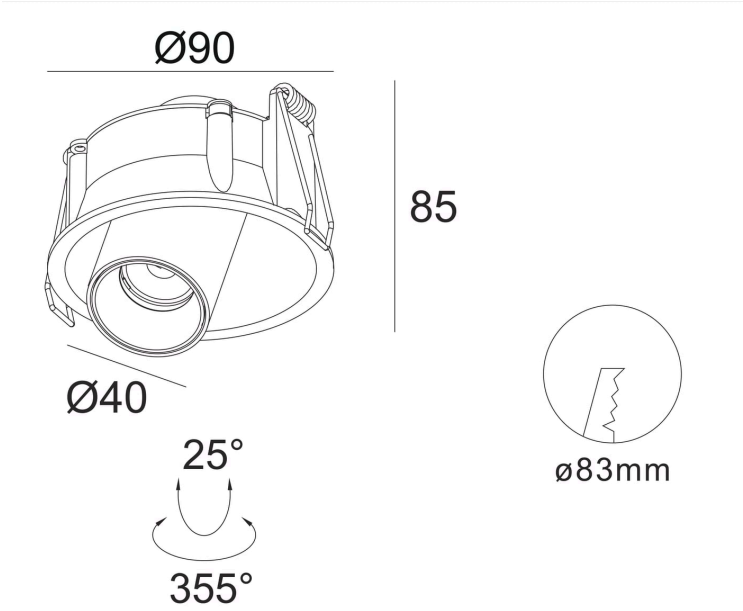


Recessed spotlight. 7 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø83 mm
- LED source: Citizen

| Power | Voltage | Luminous flux |
|---|---|---|
| 7 W | max 19 V | 630 lm |
| **Colour temperature** | **CRI** | **Beam angles** |
| 2700 K, 3000 K, 4000 K | 97 CRI | 15°, 24°, 36°, 50° |
| **IP rating** | **Certifications** | **Mounting** |
| IP20 | CE | Recessed |
| **Finishes** | | |
| White | | |

## Dimensions



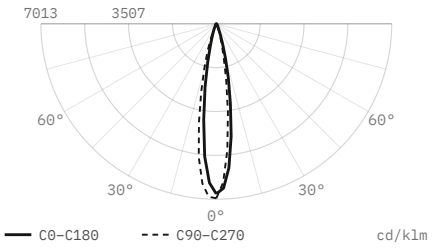

## Models

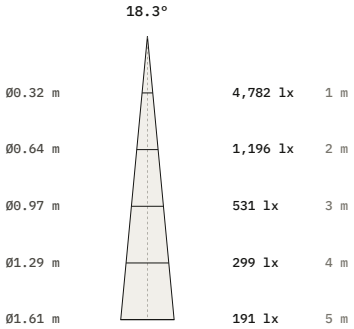
| Code | Power | Voltage | Flux | CRI | Size | Cut-out | Beam | Notes |
|---|---|---|---|---|---|---|---|---|
| **DL1338** | 7 W | max 19 V | 630 lm | 97 CRI | Ø90 x H85 mm; head Ø40 mm | Ø83 mm | 15° 24° 36° 50° | 350 mA |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1338, from the same data as the IES and LDT files on the product page. Curves marked measured come from goniophotometer tests in the laboratory; the others are calculated from catalogue data, not measured.

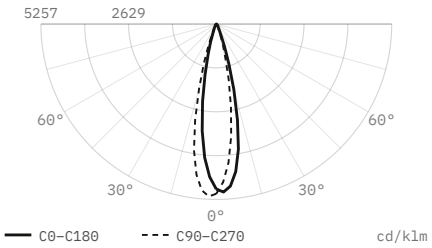
## DL1338, 8.9 W, 3000 K, 15° beam, measured

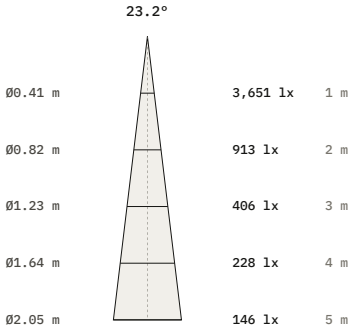



| | |
|---|---|
| Luminous flux | 703 lm |
| Efficacy | 79 lm/W |
| Peak intensity | 4,930 cd, 7,013 cd/klm |
| Beam angle (50%) | 18.3° |
| Field angle (10%) | 35.6° |
| Cut-off angle (2.5%) | 26° |
| Flux 0–30° / 30–60° / 60–90° | 92.4 / 7 / 0.6 % |
| Size | Ø90 × 85 mm |
| Data | Measured with a goniophotometer (EVERFINE GO-2000B), 7 April 2025 |

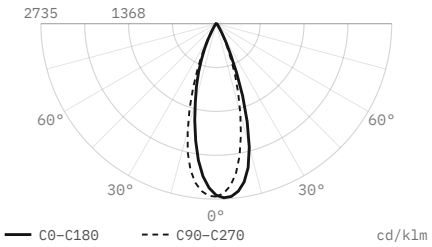
## DL1338, 8.9 W, 3000 K, 24° beam, measured

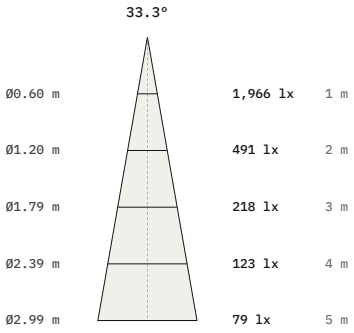



| | |
|---|---|
| Luminous flux | 738 lm |
| Efficacy | 83 lm/W |
| Peak intensity | 3,880 cd, 5,257 cd/klm |
| Beam angle (50%) | 23.2° |
| Field angle (10%) | 39.7° |
| Cut-off angle (2.5%) | 29° |
| Flux 0–30° / 30–60° / 60–90° | 92.3 / 7.1 / 0.6 % |
| Size | Ø90 × 85 mm |
| Data | Measured with a goniophotometer (EVERFINE GO-2000B), 7 April 2025 |

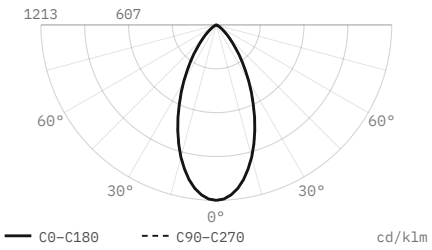
## DL1338, 8.9 W, 3000 K, 36° beam, measured

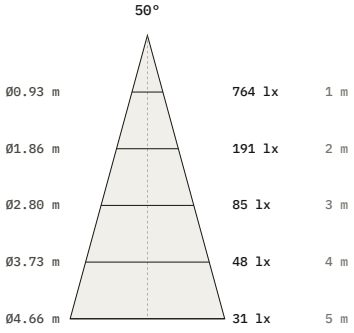



| | |
|---|---|
| Luminous flux | 735 lm |
| Efficacy | 83 lm/W |
| Peak intensity | 2,010 cd, 2,735 cd/klm |
| Beam angle (50%) | 33.3° |
| Field angle (10%) | 56.4° |
| Cut-off angle (2.5%) | 37° |
| Flux 0–30° / 30–60° / 60–90° | 91 / 8.4 / 0.7 % |
| Size | Ø90 × 85 mm |
| Data | Measured with a goniophotometer (EVERFINE GO-2000B), 7 April 2025 |

## DL1338, 7 W, 50° beam




| | |
|---|---|
| Luminous flux | 630 lm |
| Efficacy | 90 lm/W |
| Peak intensity | 764 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 | Ø90 × 85 mm |
| Data | Calculated from catalogue data |

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Technical data may change without notice.