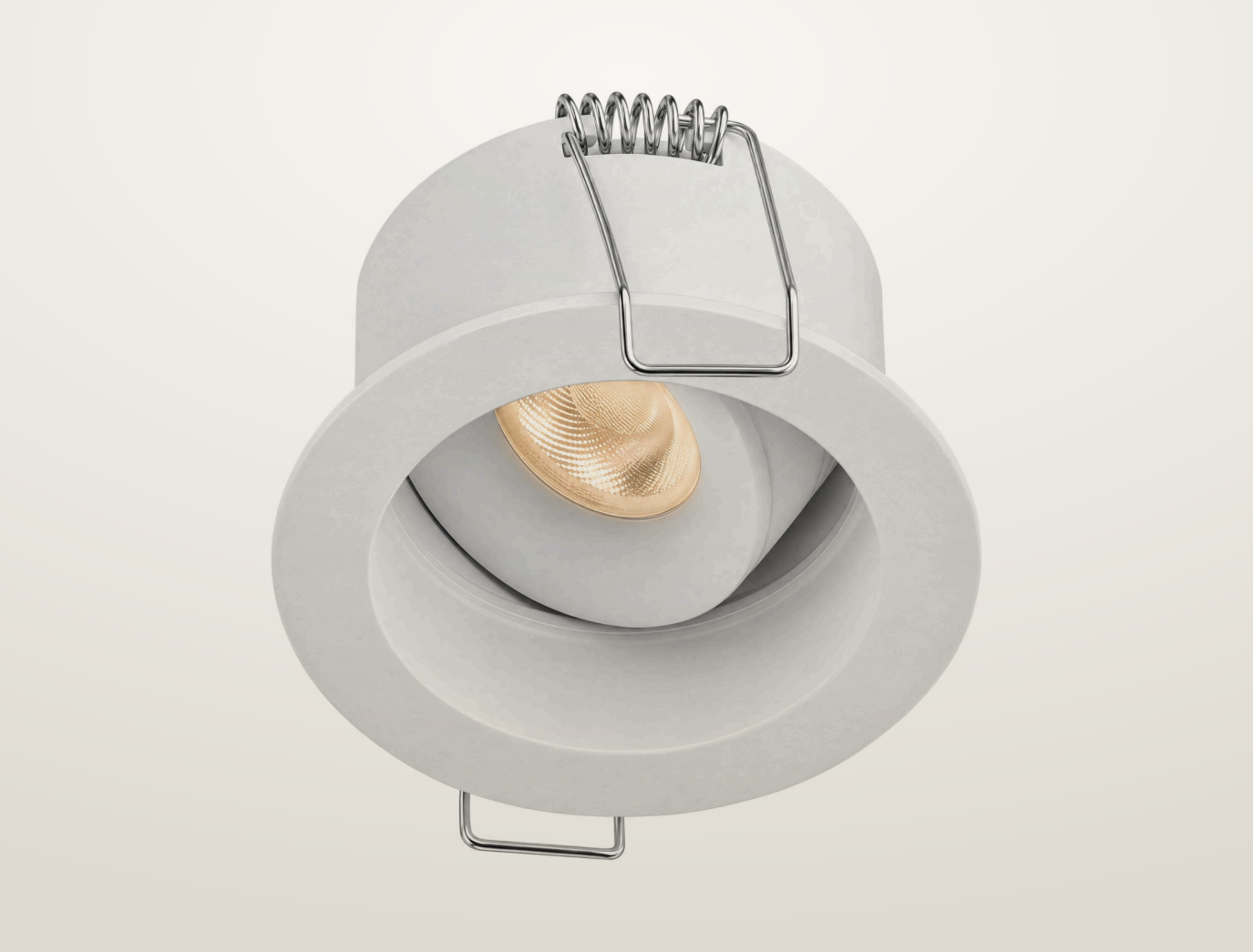
Downlights

# Dot DL1897

Recessed spotlight

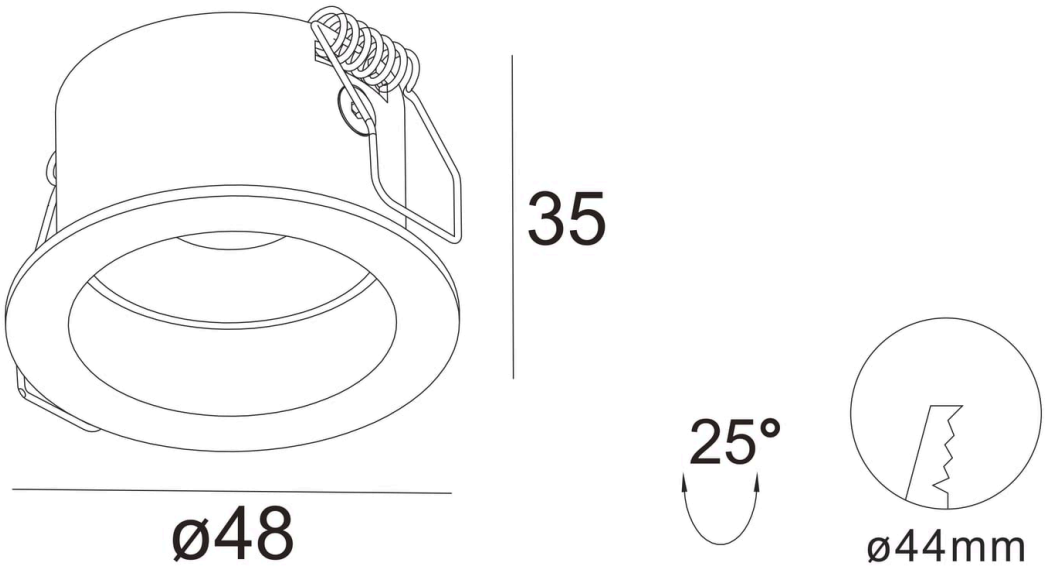


Recessed spotlight. 3 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø44 mm
- LED source: Citizen

| | | |
|---|---|---|
| Power<br>**3 W** | Voltage<br>**max 10 V** | Luminous flux<br>**240 lm** |
| Colour temperature<br>**2700 K, 3000 K, 4000 K** | CRI<br>**97 CRI** | Beam angles<br>**15°, 24°, 36°, 50°** |
| IP rating<br>**IP20** | Certifications<br>**CE** | Mounting<br>**Recessed, Surface** |
| Finishes<br>**White** | | |

## Dimensions



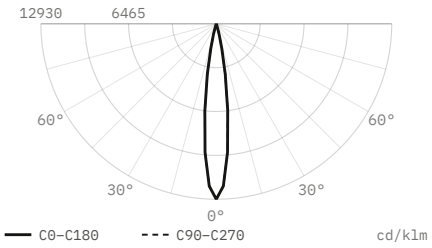

## Models

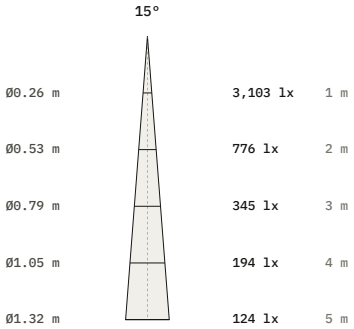
| Code | Power | Voltage | Flux | CRI | Size | Cut-out | Beam | Notes |
|---|---|---|---|---|---|---|---|---|
| **DL1897** | 3 W | max 10 V | 240 lm | 97 CRI | Ø48 × 35 mm | Ø44 mm | 15° 24° 36° 50° | 350 mA |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1897, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

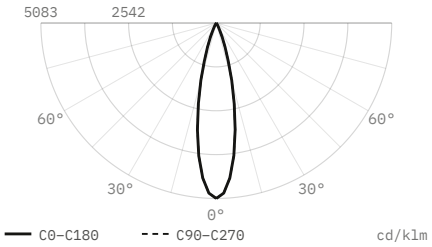
## DL1897, 3 W, 15° beam

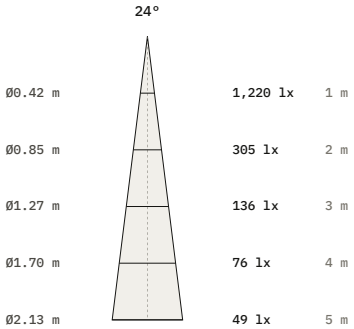



| | |
|---|---|
| Luminous flux | 240 lm |
| Efficacy | 80 lm/W |
| Peak intensity | 3,103 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | Ø48 × 35 mm |
| Data | Calculated from catalogue data |

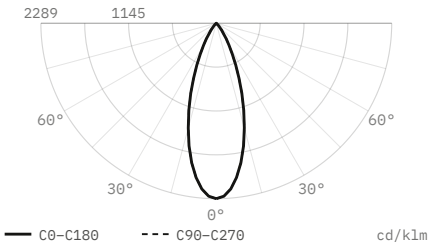
## DL1897, 3 W, 24° beam

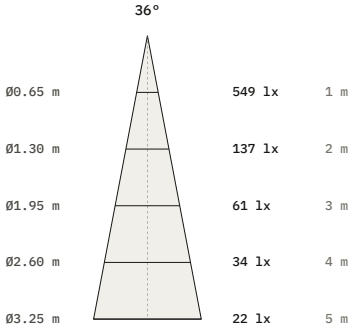



| | |
|---|---|
| Luminous flux | 240 lm |
| Efficacy | 80 lm/W |
| Peak intensity | 1,220 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | Ø48 × 35 mm |
| Data | Calculated from catalogue data |

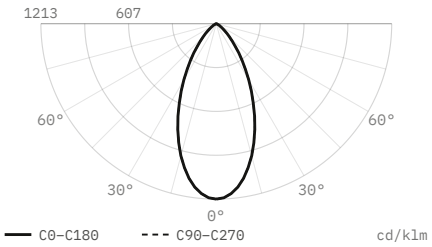
## DL1897, 3 W, 36° beam

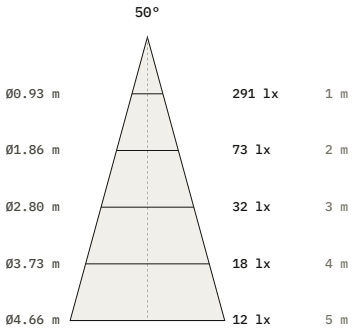



| | |
|---|---|
| Luminous flux | 240 lm |
| Efficacy | 80 lm/W |
| Peak intensity | 549 cd, 2,289 cd/klm |
| Beam angle (50%) | 36° |
| Field angle (10%) | 65.6° |
| Cut-off angle (2.5%) | 41.5° |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 % |
| Size | Ø48 × 35 mm |
| Data | Calculated from catalogue data |

## DL1897, 3 W, 50° beam




| | |
|---|---|
| Luminous flux | 240 lm |
| Efficacy | 80 lm/W |
| Peak intensity | 291 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 | Ø48 × 35 mm |
| Data | Calculated from catalogue data |

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Technical data may change without notice.