

Recessed

# D3-7901

Recessed spotlight

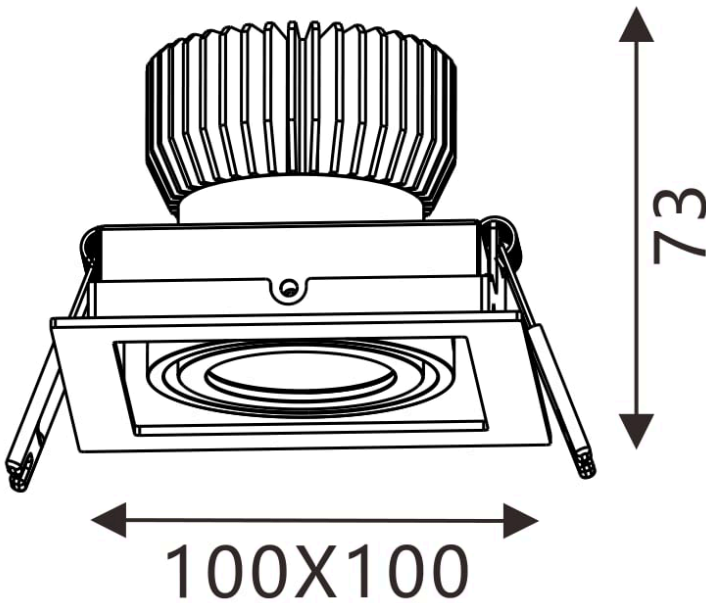


Recessed spotlight. 8 or 14 W. Three beam angles, 18° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø90 mm
- LED source: Citizen

|                                                |                                      |                                           |
|------------------------------------------------|--------------------------------------|-------------------------------------------|
| Power<br>8 W, 14 W                             | Voltage<br>220–240 V AC              | Luminous flux<br>850–950 lm, 1500–1600 lm |
| Colour temperature<br>3000 K, 4000 K           | CRI<br>97 CRI                        | Beam angles<br>18°, 24°, 36°              |
| IP rating<br>IP20                              | Certifications<br>CE, RoHS, EMC, LVD | Mounting<br>Recessed                      |
| Control<br>On/Off, DALI, 0-10V, Triac, Casambi | Finishes<br>White, Black, Grey       |                                           |

Dimensions



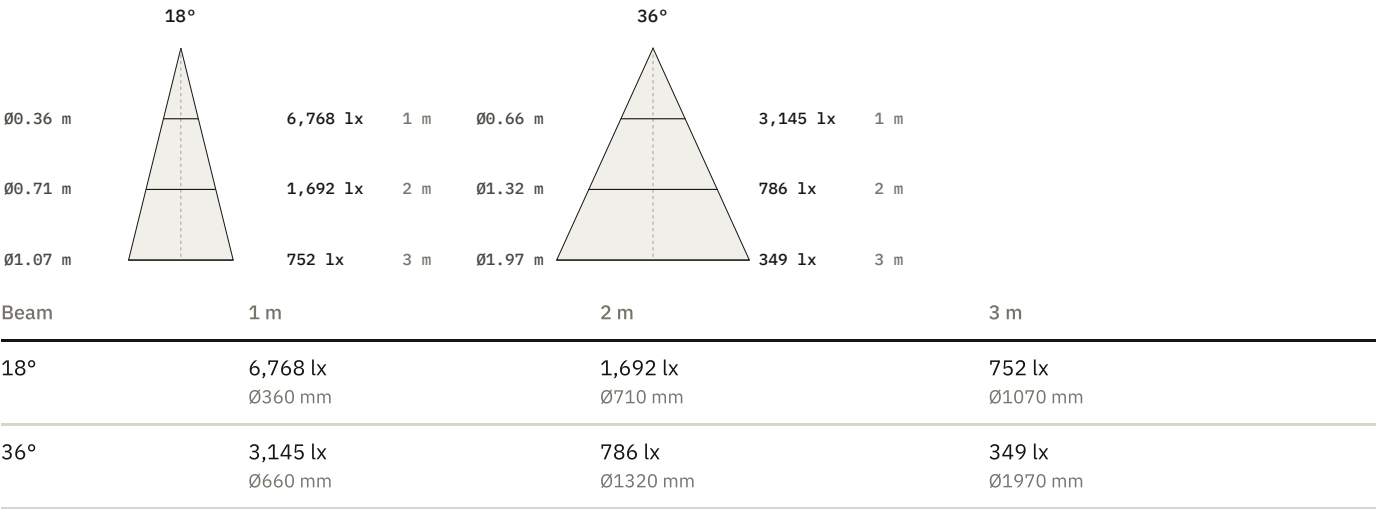
Models

| Code    | Power | Voltage      | Flux         | CRI    | Size               | Cut-out | Beam        |
|---------|-------|--------------|--------------|--------|--------------------|---------|-------------|
| D3-7901 | 8 W   | 220–240 V AC | 850–950 lm   | 97 CRI | 100 × 100 x H73 mm | Ø90 mm  | 18° 24° 36° |
| D3-7901 | 14 W  | 220–240 V AC | 1500–1600 lm | 97 CRI | 100 × 100 x H73 mm | Ø90 mm  | 18° 24° 36° |

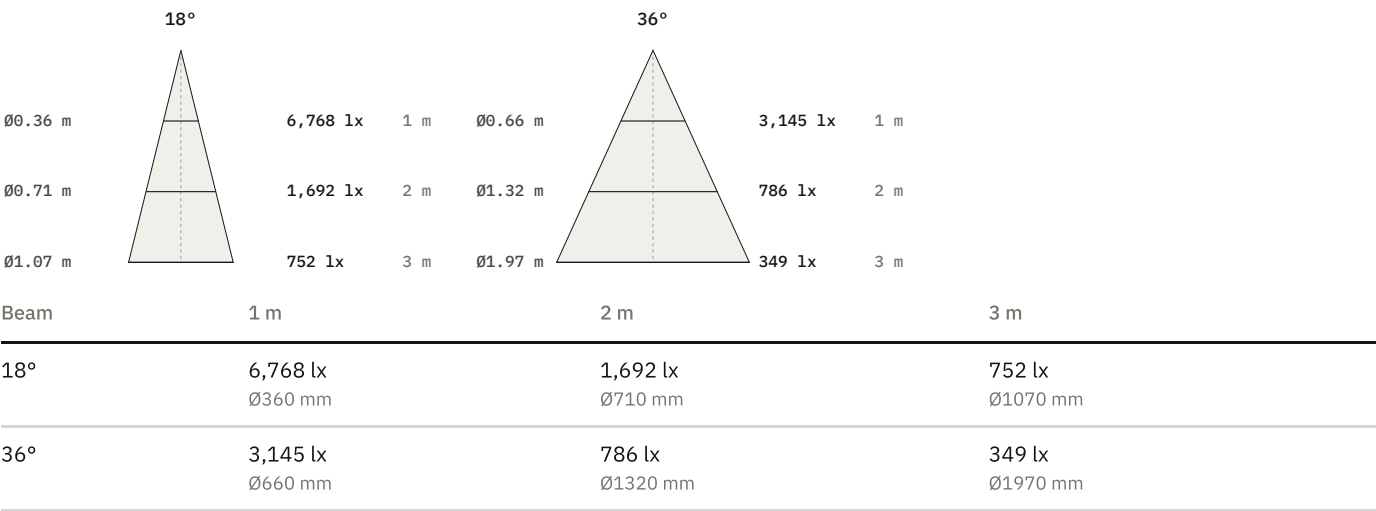
# Photometric data

Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

## 8 W



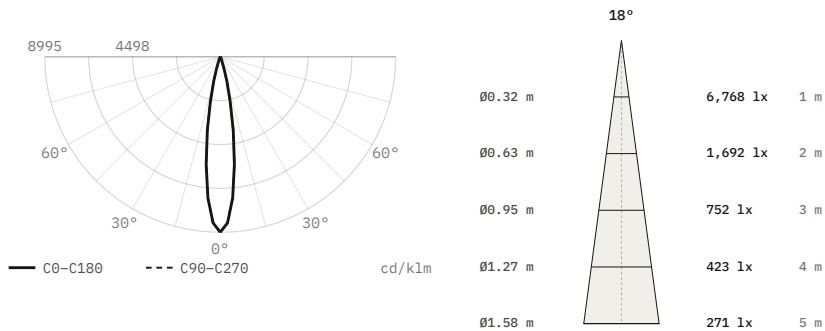
## 14 W



# Photometry

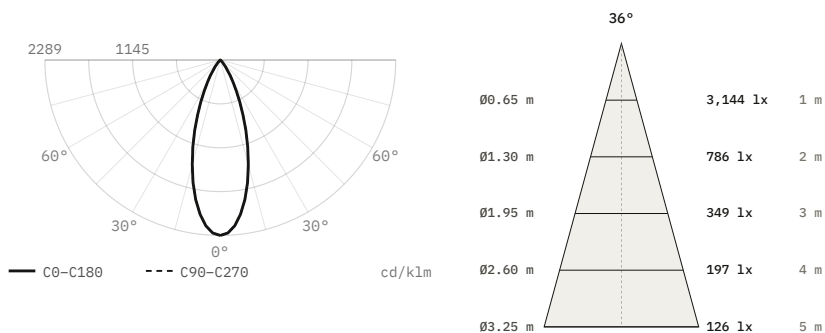
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-7901, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## D3-7901, 14 W, 18° beam



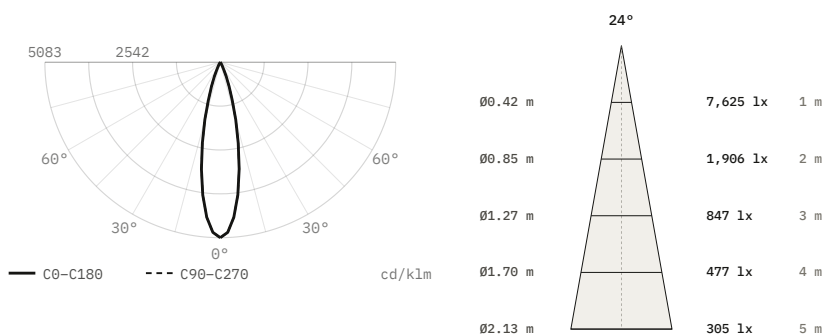
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 752 lm                         |
| Efficacy                     | 54 lm/W                        |
| Peak intensity               | 6,768 cd, 8,995 cd/klm         |
| Beam angle (50%)             | 18°                            |
| Field angle (10%)            | 32.8°                          |
| Cut-off angle (2.5%)         | 20.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 %                  |
| Size                         | 100 × 100 × 73 mm              |
| Data                         | Calculated from catalogue data |

## D3-7901, 14 W, 36° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,373 lm                       |
| Efficacy                     | 98 lm/W                        |
| Peak intensity               | 3,144 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                         | 100 × 100 × 73 mm              |
| Data                         | Calculated from catalogue data |

## D3-7901, 14 W, 24° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,500 lm                       |
| Efficacy                     | 107 lm/W                       |
| Peak intensity               | 7,625 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                         | 100 × 100 × 73 mm              |
| Data                         | Calculated from catalogue data |

