

Recessed

# D3-7803

Recessed spotlight

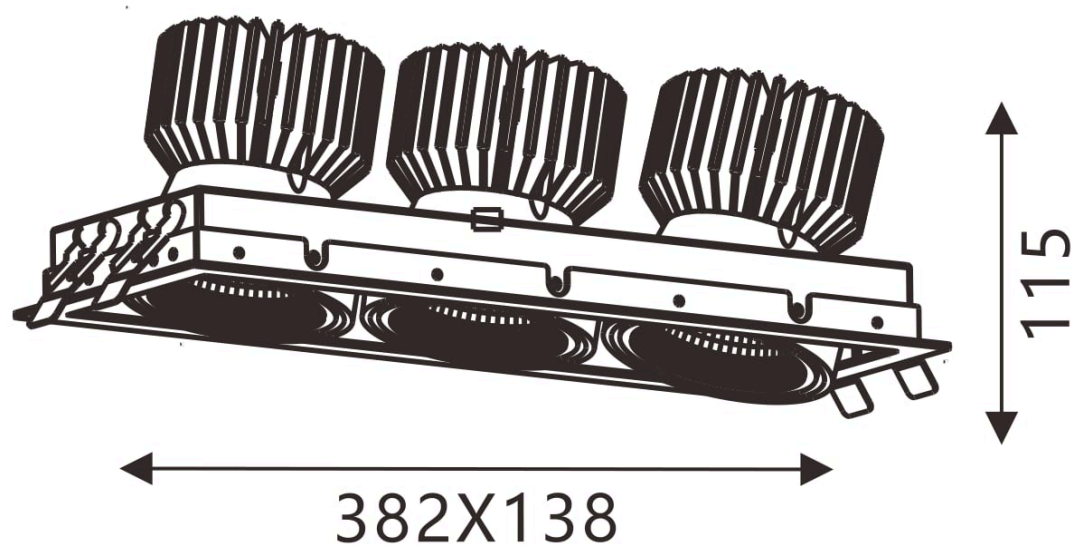


Recessed spotlight. 28 or 35 W. Four beam angles, 15° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø370 mm
- LED source: Citizen

|                                                |                                      |                                                     |
|------------------------------------------------|--------------------------------------|-----------------------------------------------------|
| Power<br>28 W, 35 W                            | Voltage<br>220–240 V AC              | Luminous flux<br>3 × 3100–3300 lm, 3 × 3800–4100 lm |
| Colour temperature<br>3000 K, 4000 K           | CRI<br>97 CRI                        | Beam angles<br>15°, 30°, 45°, 55°                   |
| 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            |
|---------|-------|--------------|------------------|--------|---------------------|---------|-----------------|
| D3-7803 | 28 W  | 220–240 V AC | 3 × 3100–3300 lm | 97 CRI | 382 × 138 × H115 mm | Ø370 mm | 15° 30° 45° 55° |
| D3-7803 | 35 W  | 220–240 V AC | 3 × 3800–4100 lm | 97 CRI | 382 × 138 × H115 mm | Ø370 mm | 15° 30° 45° 55° |

Finishes



Black



White

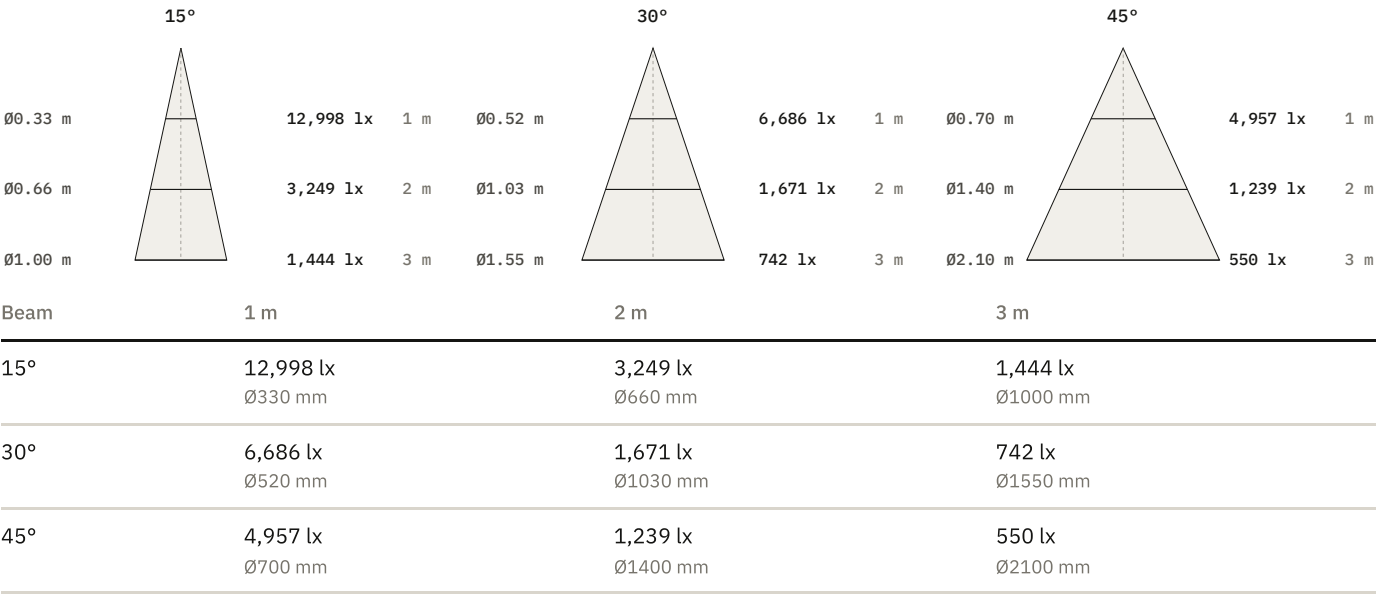


Grey

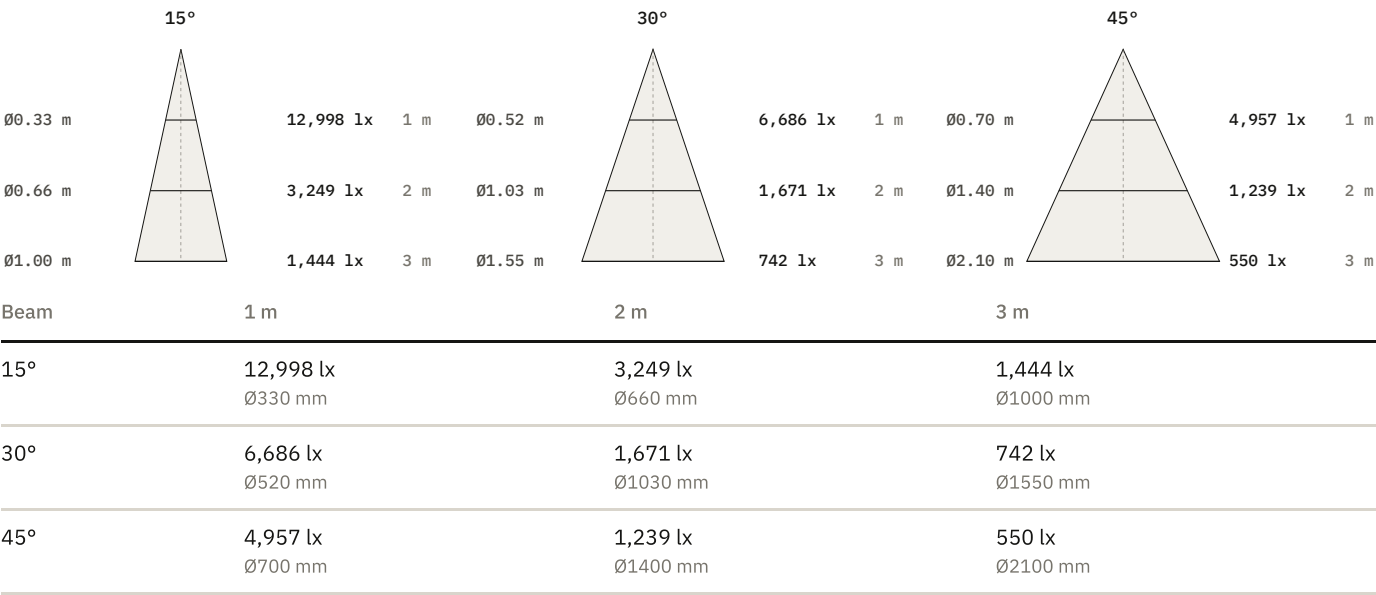
# Photometric data

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.

## 28 W



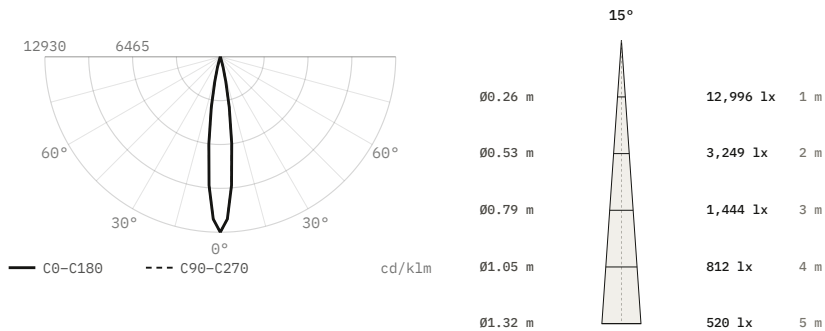
## 35 W



# Photometry

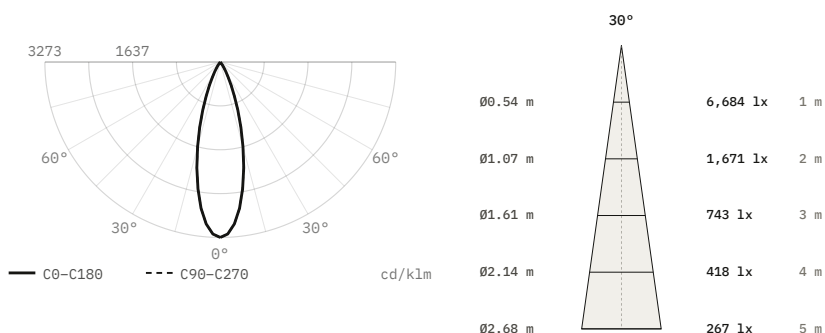
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-7803, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## D3-7803, 35 W, 15° beam



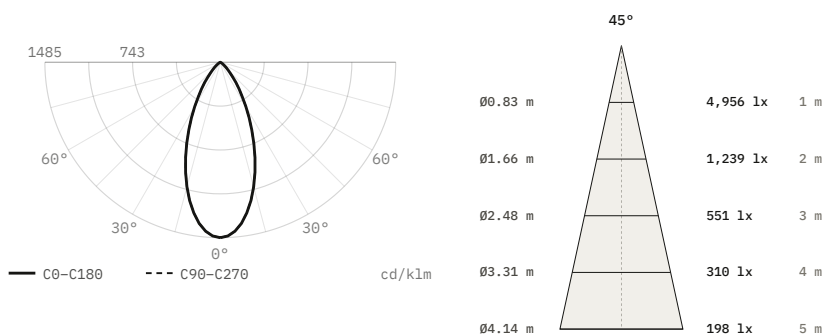
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,005 lm                       |
| Efficacy                     | 29 lm/W                        |
| Peak intensity               | 12,996 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                         | 382 × 138 × 115 mm             |
| Data                         | Calculated from catalogue data |

## D3-7803, 35 W, 30° beam



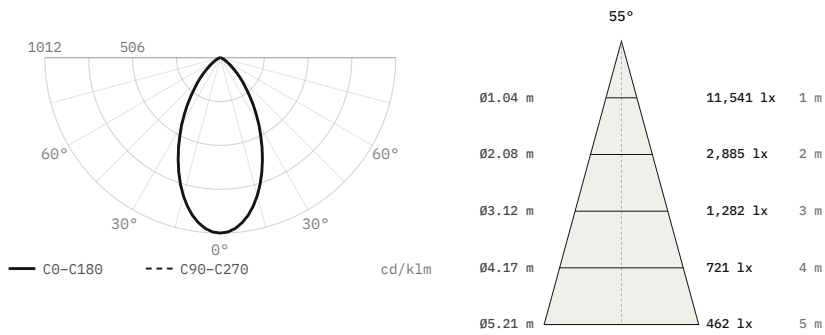
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 2,042 lm                       |
| Efficacy                     | 58 lm/W                        |
| Peak intensity               | 6,684 cd, 3,273 cd/klm         |
| Beam angle (50%)             | 30°                            |
| Field angle (10%)            | 54.7°                          |
| Cut-off angle (2.5%)         | 34.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 94 / 6 / 0 %                   |
| Size                         | 382 × 138 × 115 mm             |
| Data                         | Calculated from catalogue data |

## D3-7803, 35 W, 45° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 3,338 lm                       |
| Efficacy                     | 95 lm/W                        |
| Peak intensity               | 4,956 cd, 1,485 cd/klm         |
| Beam angle (50%)             | 45°                            |
| Field angle (10%)            | 82°                            |
| Cut-off angle (2.5%)         | 51.5°                          |
| Flux 0–30° / 30–60° / 60–90° | 72.2 / 27.2 / 0.6 %            |
| Size                         | 382 × 138 × 115 mm             |
| Data                         | Calculated from catalogue data |

D3-7803, 35 W, 55° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 11,400 lm                      |
| Efficacy                     | 326 lm/W                       |
| Peak intensity               | 11,541 cd, 1,012 cd/klm        |
| Beam angle (50%)             | 55°                            |
| Field angle (10%)            | 100.2°                         |
| Cut-off angle (2.5%)         | 63°                            |
| Flux 0–30° / 30–60° / 60–90° | 58.2 / 38.8 / 3 %              |
| Size                         | 382 × 138 × 115 mm             |
| Data                         | Calculated from catalogue data |