

Recessed

D3-7802

Recessed spotlight

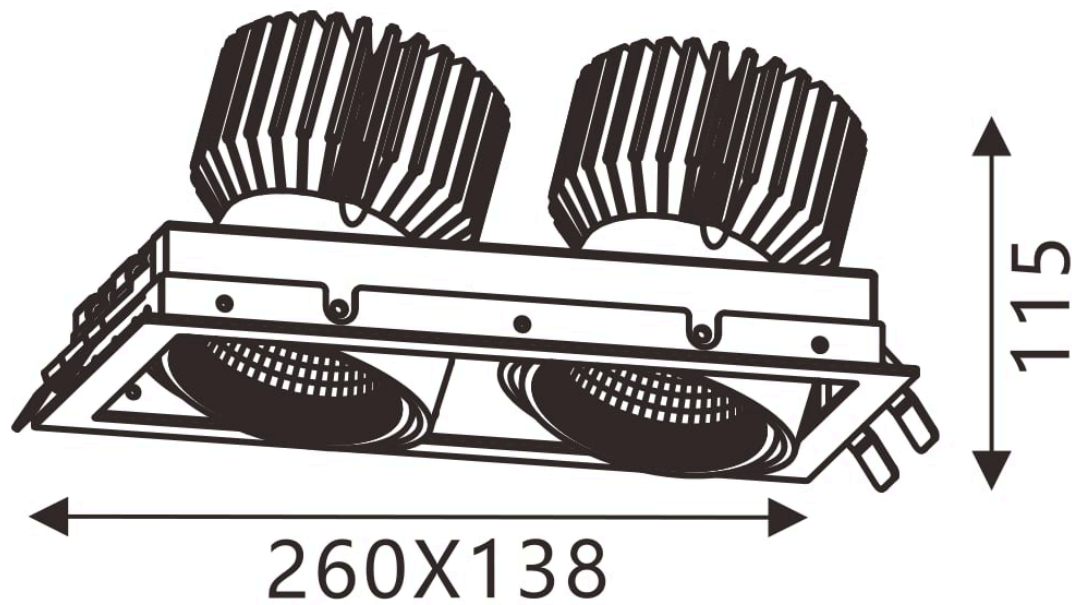


Recessed spotlight. 28 or 35 W. Four beam angles, 15° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø248 mm
- LED source: Citizen

Power 28 W, 35 W	Voltage 220–240 V AC	Luminous flux 2 × 3100–3300 lm, 2 × 3800–4100 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 30°, 40°, 55°
IP rating IP20	Certifications CE, RoHS, EMC, LVD	Mounting Recessed
Control On/Off, DALI, 0-10V, Triac, Casambi	Finishes White, Black, Grey	

Dimensions



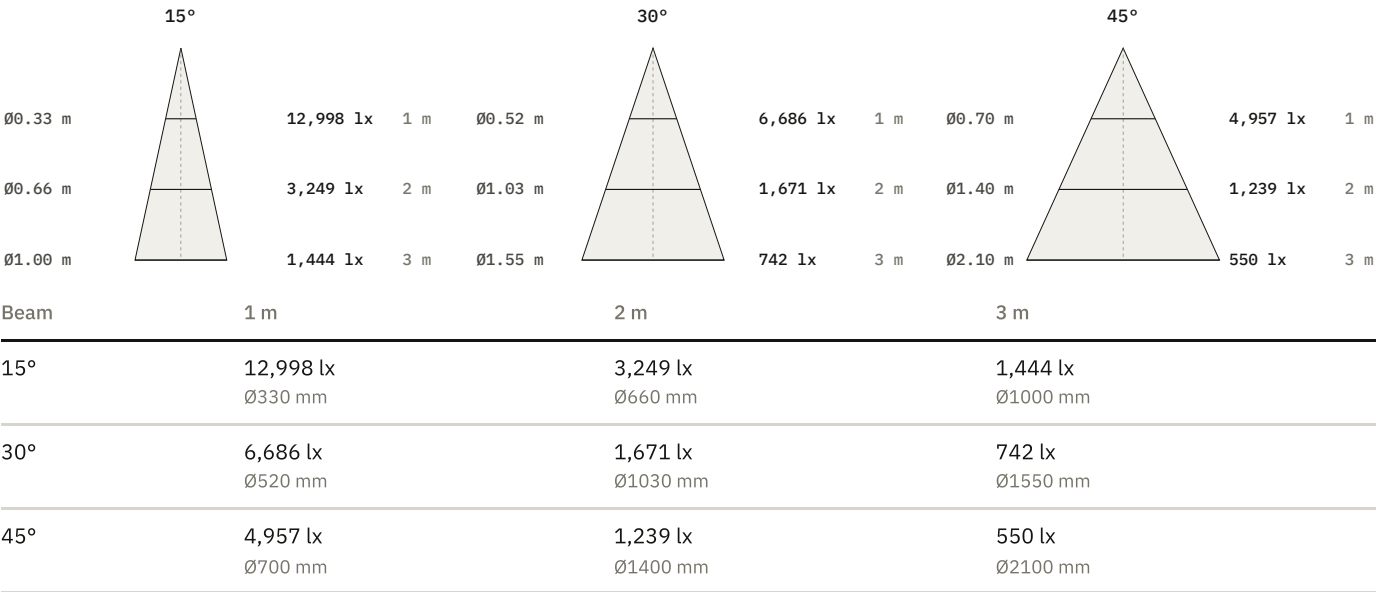
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-7802	28 W	220–240 V AC	2 × 3100–3300 lm	97 CRI	260 × 138 x H115 mm	Ø248 mm	15° 30° 40° 55°
D3-7802	35 W	220–240 V AC	2 × 3800–4100 lm	97 CRI	260 × 138 x H115 mm	Ø248 mm	15° 30° 40° 55°

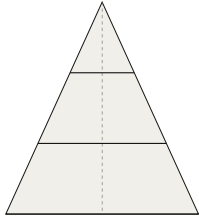
Photometric data

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



45°



Ø0.70 m

Ø1.40 m

Ø2.10 m

4,957 lx

1,239 lx

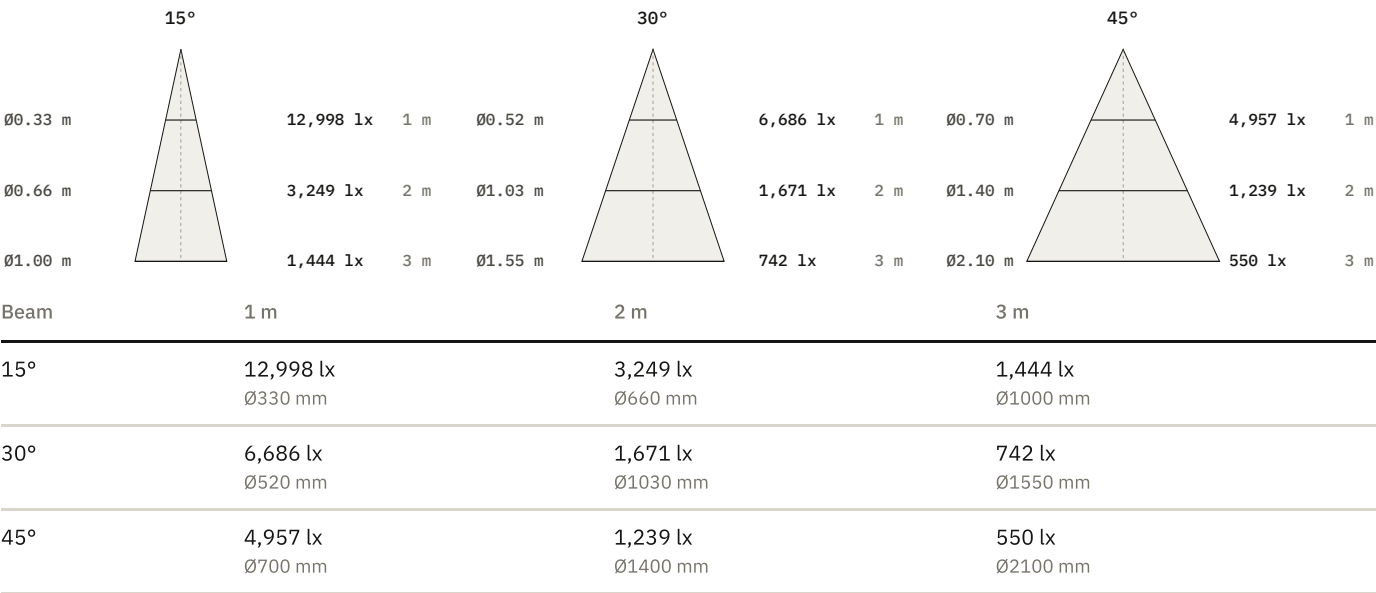
550 lx

1 m

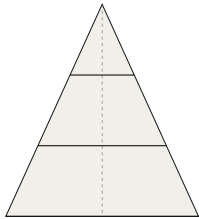
2 m

3 m

35 W



45°



Ø0.70 m

Ø1.40 m

Ø2.10 m

4,957 lx

1,239 lx

550 lx

1 m

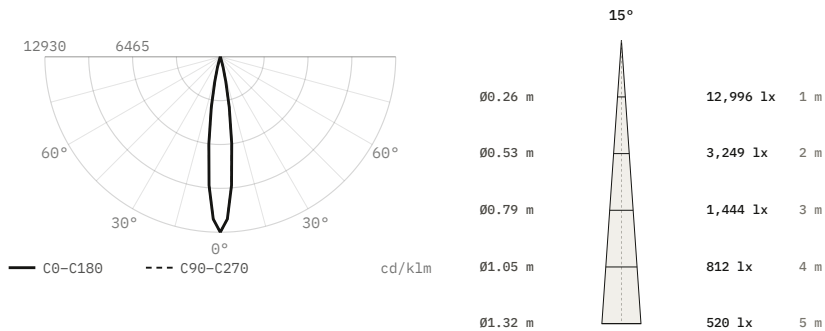
2 m

3 m

Photometry

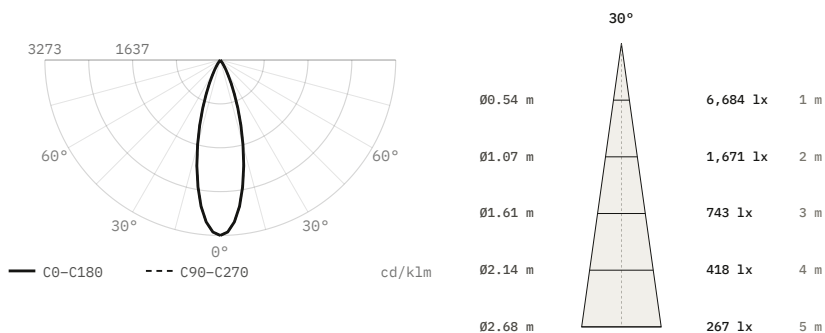
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-7802, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-7802, 35 W, 15° beam



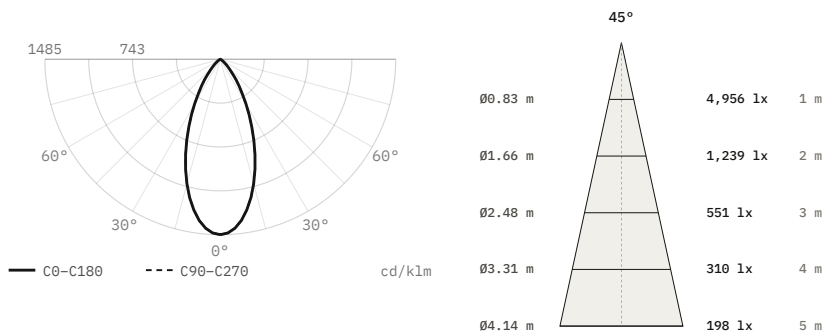
Luminous flux	1,005 lm
Efficacy	29 lm/W
Peak intensity	12,996 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	260 × 138 × 115 mm
Data	Calculated from catalogue data

D3-7802, 35 W, 30° beam



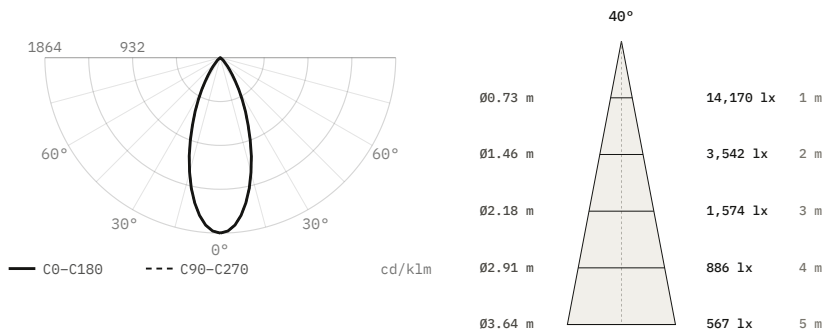
Luminous flux	2,042 lm
Efficacy	58 lm/W
Peak intensity	6,684 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	260 × 138 × 115 mm
Data	Calculated from catalogue data

D3-7802, 35 W, 45° beam



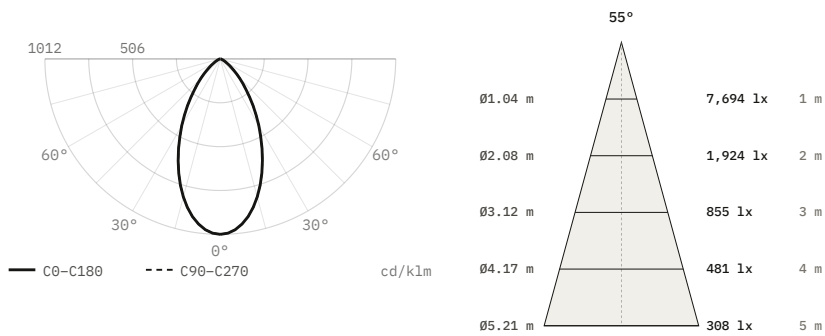
Luminous flux	3,338 lm
Efficacy	95 lm/W
Peak intensity	4,956 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	260 × 138 × 115 mm
Data	Calculated from catalogue data

D3-7802, 35 W, 40° beam



Luminous flux	7,600 lm
Efficacy	217 lm/W
Peak intensity	14,170 cd, 1,864 cd/klm
Beam angle (50%)	40°
Field angle (10%)	72.9°
Cut-off angle (2.5%)	46°
Flux 0–30° / 30–60° / 60–90°	79.9 / 19.9 / 0.2 %
Size	260 × 138 × 115 mm
Data	Calculated from catalogue data

D3-7802, 35 W, 55° beam



Luminous flux	7,600 lm
Efficacy	217 lm/W
Peak intensity	7,694 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	260 × 138 × 115 mm
Data	Calculated from catalogue data

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Technical data may change without notice.