Recessed

D3-7801

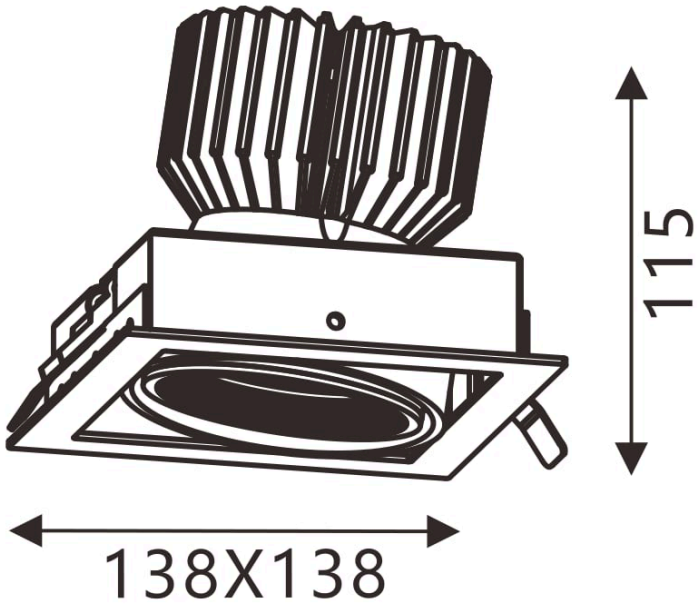
Recessed spotlight

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

- Ceiling cut-out Ø125 mm
- LED source: Citizen

Power **28 W, 35 W**	Voltage **220–240 V AC**	Luminous flux **3100–3300 lm, 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



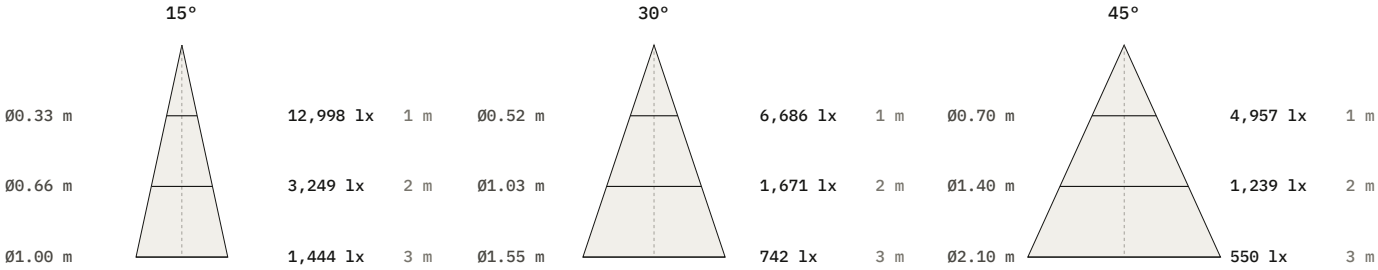
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-7801	28 W	220–240 V AC	3100–3300 lm	97 CRI	138 × 138 x H115 mm	Ø125 mm	15° 30° 40° 55°
D3-7801	35 W	220–240 V AC	3800–4100 lm	97 CRI	138 × 138 x H115 mm	Ø125 mm	15° 30° 40° 55°

Photometric data

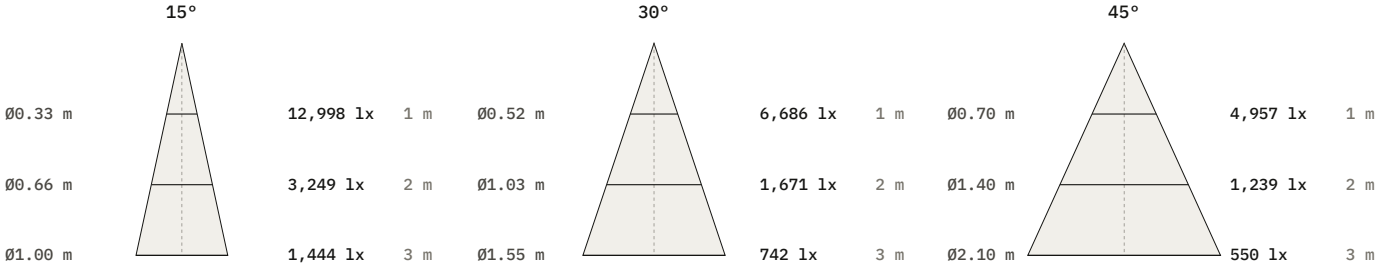
Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

28 W



Beam	1 m	2 m	3 m
15°	12,998 lx Ø330 mm	3,249 lx Ø660 mm	1,444 lx Ø1000 mm
30°	6,686 lx Ø520 mm	1,671 lx Ø1030 mm	742 lx Ø1550 mm
45°	4,957 lx Ø700 mm	1,239 lx Ø1400 mm	550 lx Ø2100 mm

35 W

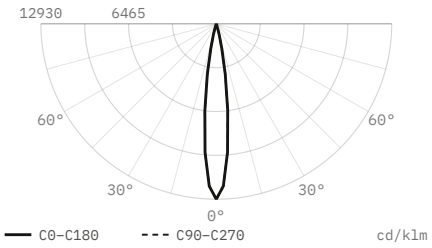


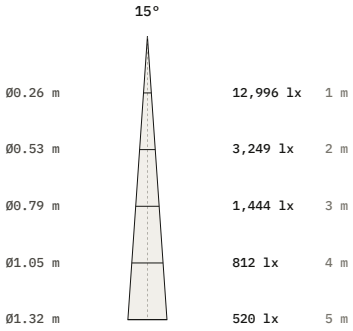
Beam	1 m	2 m	3 m
15°	12,998 lx Ø330 mm	3,249 lx Ø660 mm	1,444 lx Ø1000 mm
30°	6,686 lx Ø520 mm	1,671 lx Ø1030 mm	742 lx Ø1550 mm
45°	4,957 lx Ø700 mm	1,239 lx Ø1400 mm	550 lx Ø2100 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-7801, 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.

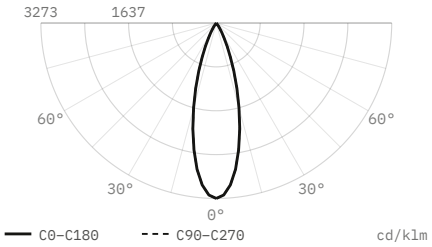
D3-7801, 35 W, 15° beam

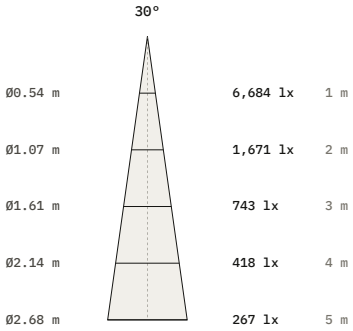




Luminous flux	1,005 lm
Efficacy	29 lm/W
Peak intensity	12,996 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	138 × 138 × 115 mm
Data	Calculated from catalogue data

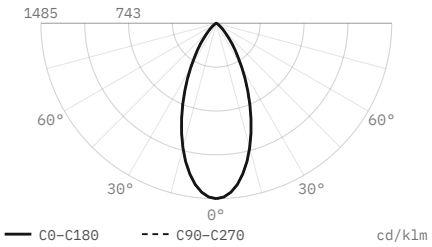
D3-7801, 35 W, 30° beam

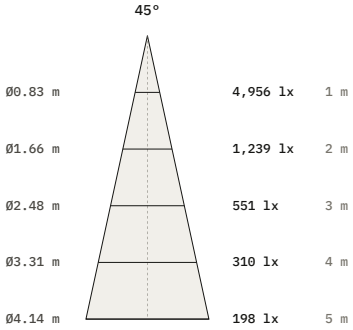




Luminous flux	2,042 lm
Efficacy	58 lm/W
Peak intensity	6,684 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	138 × 138 × 115 mm
Data	Calculated from catalogue data

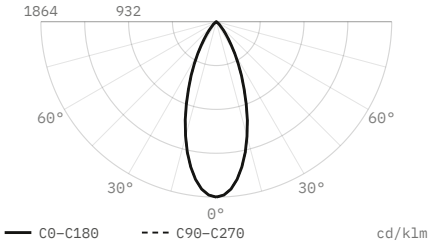
D3-7801, 35 W, 45° beam

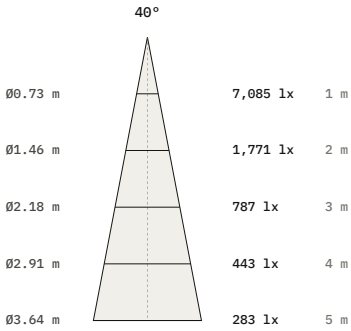




Luminous flux	3,338 lm
Efficacy	95 lm/W
Peak intensity	4,956 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	138 × 138 × 115 mm
Data	Calculated from catalogue data

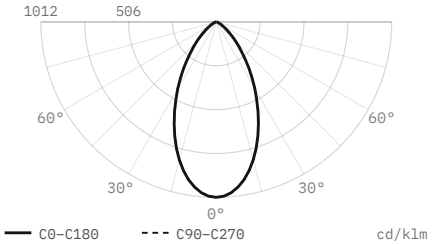
D3-7801, 35 W, 40° beam

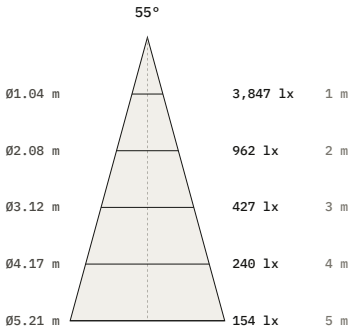




Luminous flux	3,800 lm
Efficacy	109 lm/W
Peak intensity	7,085 cd, 1,864 cd/klm
Beam angle (50%)	40°
Field angle (10%)	72.9°
Cut-off angle (2.5%)	46°
Flux 0–30° / 30–60° / 60–90°	79.9 / 19.9 / 0.2 %
Size	138 × 138 × 115 mm
Data	Calculated from catalogue data

D3-7801, 35 W, 55° beam





Luminous flux	3,800 lm
Efficacy	109 lm/W
Peak intensity	3,847 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	138 × 138 × 115 mm
Data	Calculated from catalogue data

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Technical data may change without notice.