Recessed

D3-5001

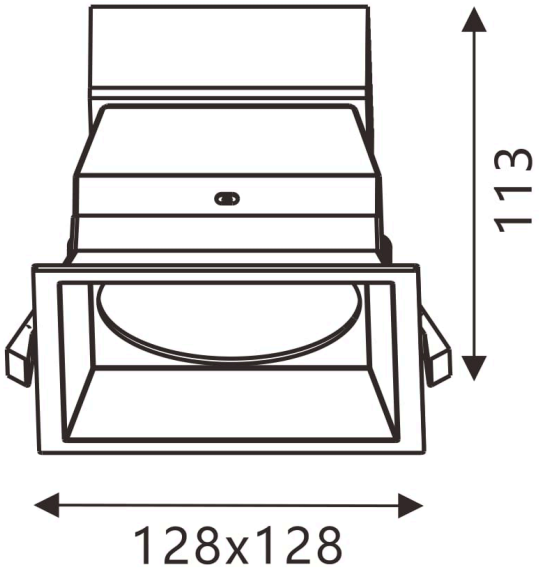
Recessed spotlight

Recessed spotlight. 20 or 28 W. Three beam angles, 20° to 50°. 3000, 4000 K. IP44. 97 CRI.

- Ceiling cut-out Ø115 mm
- LED source: Citizen

Power **20 W, 28 W**	Voltage **220–240 V AC**	Luminous flux **2100–2200 lm, 2600–2800 lm**
Colour temperature **3000 K, 4000 K**	CRI **97 CRI**	Beam angles **20°, 30°, 50°**
IP rating **IP44**	Certifications **CE, RoHS, EMC, LVD**	Mounting **Recessed**
Control **On/Off, Triac, DALI, 0-10V, Casambi**	Finishes **White, Black, Grey**	

Dimensions



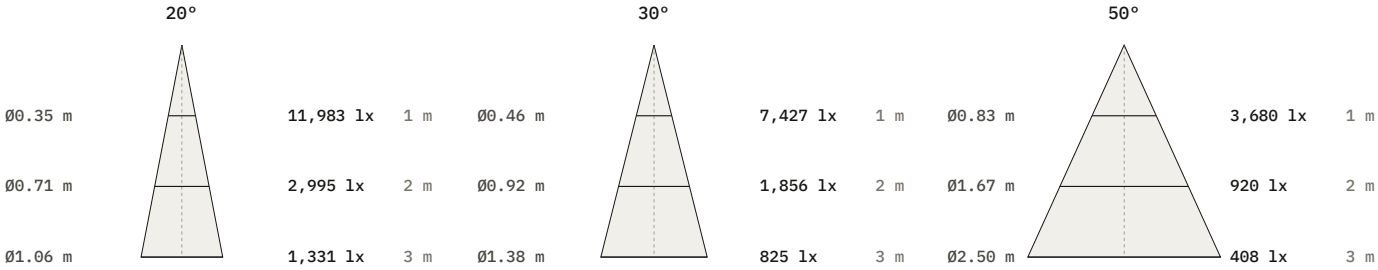
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-5001	20 W	220–240 V AC	2100–2200 lm	97 CRI	128 × 128 × 113 mm	Ø115 mm	20° 30° 50°
D3-5001	28 W	220–240 V AC	2600–2800 lm	97 CRI	128 × 128 × 113 mm	Ø115 mm	20° 30° 50°

Photometric data

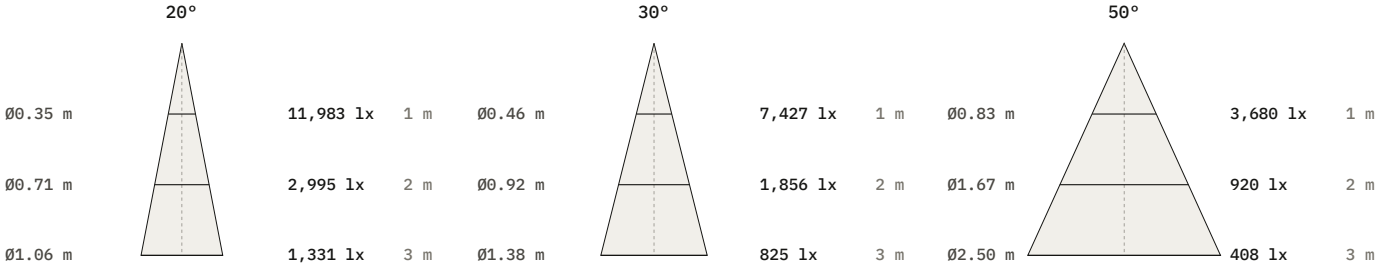
Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

20 W



Beam	1 m	2 m	3 m
20°	11,983 lx Ø350 mm	2,995 lx Ø710 mm	1,331 lx Ø1060 mm
30°	7,427 lx Ø460 mm	1,856 lx Ø920 mm	825 lx Ø1380 mm
50°	3,680 lx Ø830 mm	920 lx Ø1670 mm	408 lx Ø2500 mm

28 W



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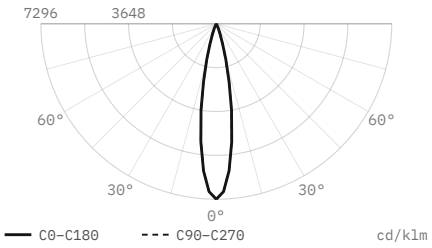
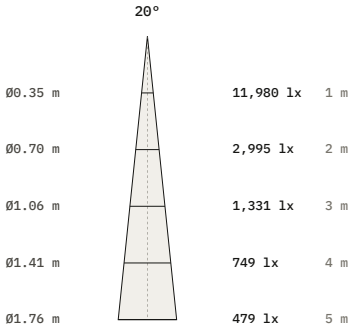
50°	3,680 lx Ø830 mm	920 lx Ø1670 mm	408 lx Ø2500 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-5001, 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.

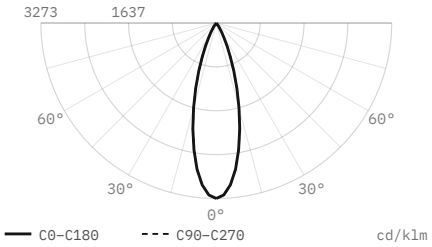
D3-5001, 28 W, 20° beam

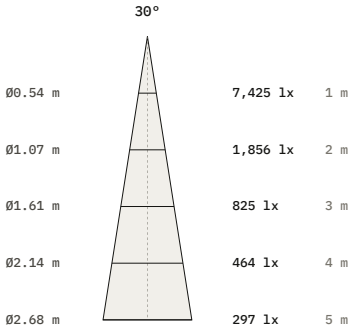




Luminous flux	1,642 lm
Efficacy	59 lm/W
Peak intensity	11,980 cd, 7,296 cd/klm
Beam angle (50%)	20°
Field angle (10%)	36.5°
Cut-off angle (2.5%)	23°
Flux 0–30° / 30–60° / 60–90°	99.8 / 0.2 / 0 %
Size	128 × 128 × 113 mm
Data	Calculated from catalogue data

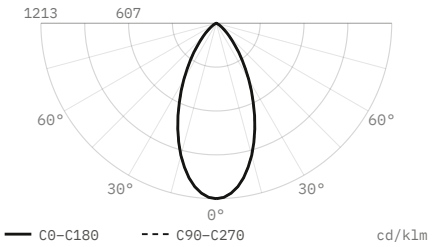
D3-5001, 28 W, 30° beam

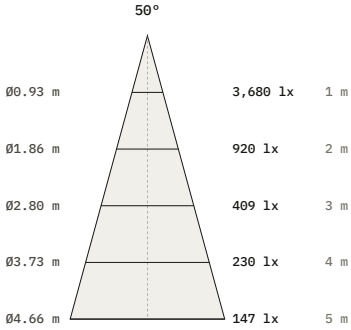




Luminous flux	2,269 lm
Efficacy	81 lm/W
Peak intensity	7,425 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	128 × 128 × 113 mm
Data	Calculated from catalogue data

D3-5001, 28 W, 50° beam





Luminous flux	3,034 lm
Efficacy	108 lm/W
Peak intensity	3,680 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	128 × 128 × 113 mm
Data	Calculated from catalogue data

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Technical data may change without notice.