Recessed

D3-4016

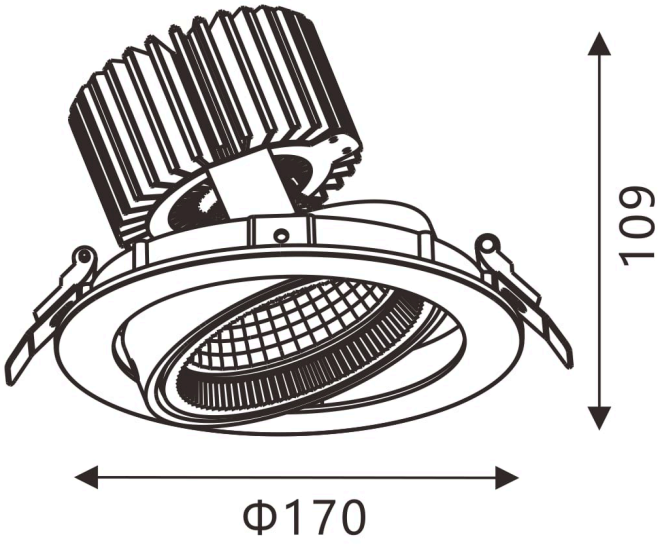
Recessed spotlight

Recessed spotlight. 28, 35 or 43 W. Five beam angles, 12° to 60°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø160 mm
- LED source: Citizen

Power **28 W, 35 W, 43 W**	Voltage **220–240 V AC**	Luminous flux **3000–3200 lm, 3700–3900 lm, 4600–4800 lm**
Colour temperature **3000 K, 4000 K**	CRI **97 CRI**	Beam angles **12°, 30°, 36°, 45°, 60°**
IP rating **IP20**	Certifications **CE, RoHS, EMC, LVD**	Mounting **Recessed**
Control **On/Off, DALI, 0-10V, Triac, Casambi**	Finishes **White, Black, Grey**	

Dimensions



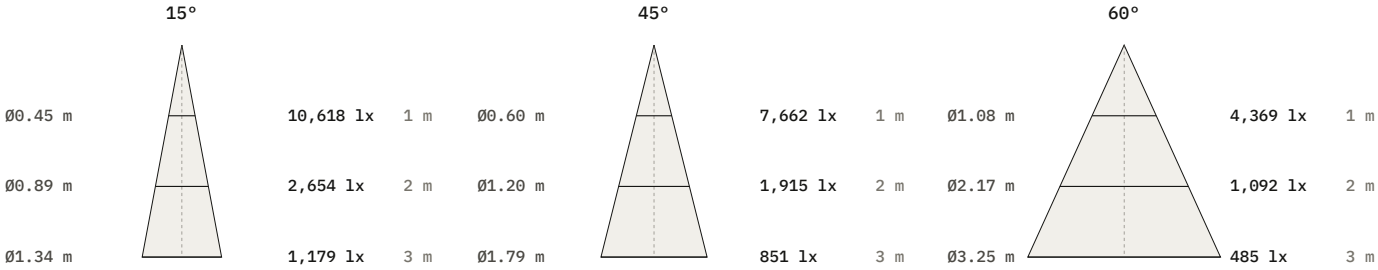
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
D3-4016	28 W	220–240 V AC	3000–3200 lm	97 CRI	Ø170 x H109 mm	Ø160 mm	12° 30° 36° 45° 60°
D3-4016	35 W	220–240 V AC	3700–3900 lm	97 CRI	Ø170 x H109 mm	Ø160 mm	12° 30° 36° 45° 60°
D3-4016	43 W	220–240 V AC	4600–4800 lm	97 CRI	Ø170 x H109 mm	Ø160 mm	12° 30° 36° 45° 60°

Photometric data

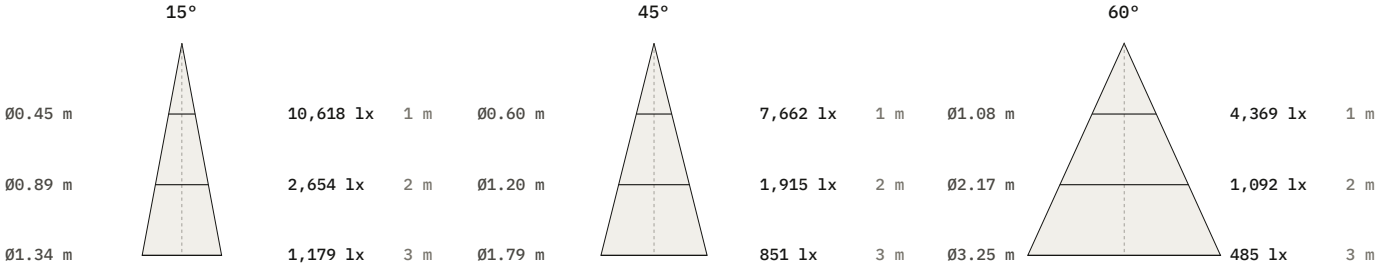
Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

28 W



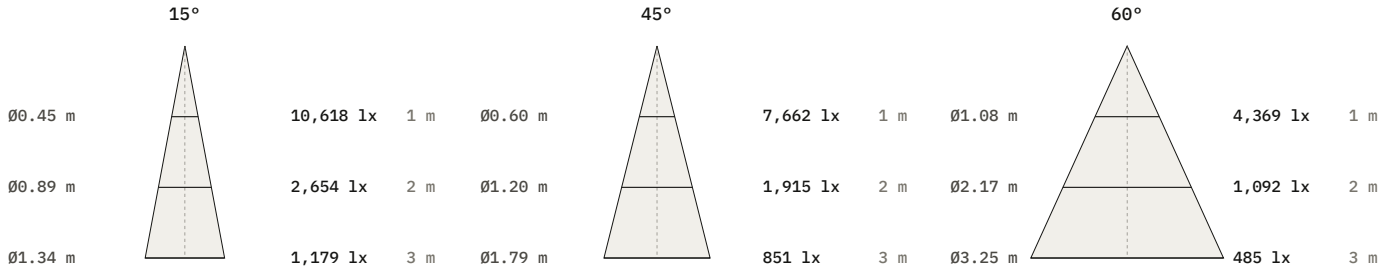
Beam	1 m	2 m	3 m
15°	10,618 lx Ø450 mm	2,654 lx Ø890 mm	1,179 lx Ø1340 mm
45°	7,662 lx Ø600 mm	1,915 lx Ø1200 mm	851 lx Ø1790 mm
60°	4,369 lx Ø1080 mm	1,092 lx Ø2170 mm	485 lx Ø3250 mm

35 W



Beam	1 m	2 m	3 m
15°	10,618 lx Ø450 mm	2,654 lx Ø890 mm	1,179 lx Ø1340 mm
45°	7,662 lx Ø600 mm	1,915 lx Ø1200 mm	851 lx Ø1790 mm
60°	4,369 lx Ø1080 mm	1,092 lx Ø2170 mm	485 lx Ø3250 mm

43 W

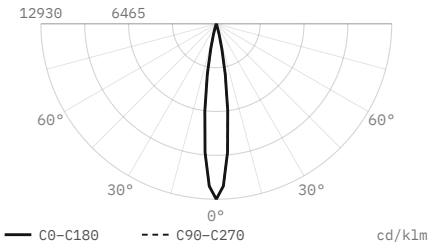


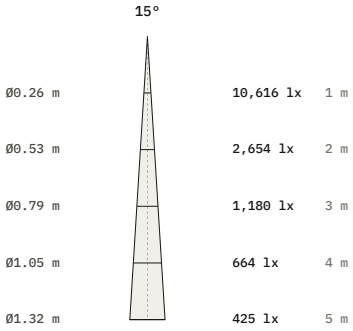
Beam	1 m	2 m	3 m
15°	10,618 lx Ø450 mm	2,654 lx Ø890 mm	1,179 lx Ø1340 mm
45°	7,662 lx Ø600 mm	1,915 lx Ø1200 mm	851 lx Ø1790 mm
60°	4,369 lx Ø1080 mm	1,092 lx Ø2170 mm	485 lx Ø3250 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4016, 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.

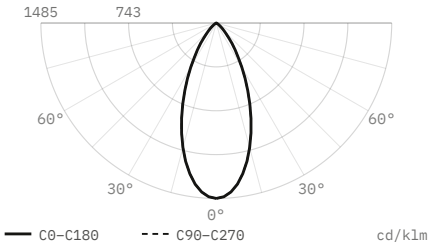
D3-4016, 43 W, 15° beam

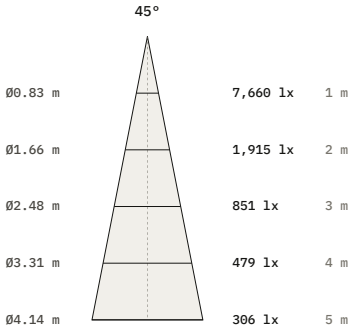




Luminous flux	821 lm
Efficacy	19 lm/W
Peak intensity	10,616 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø170 × 109 mm
Data	Calculated from catalogue data

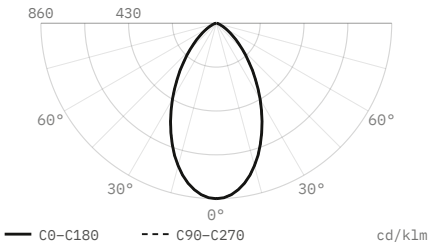
D3-4016, 43 W, 45° beam

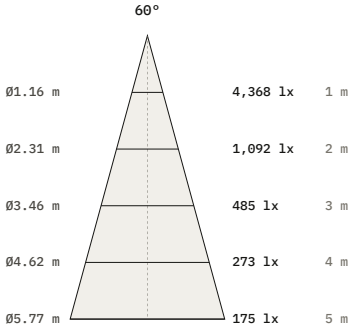




Luminous flux	5,160 lm
Efficacy	120 lm/W
Peak intensity	7,660 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	Ø170 × 109 mm
Data	Calculated from catalogue data

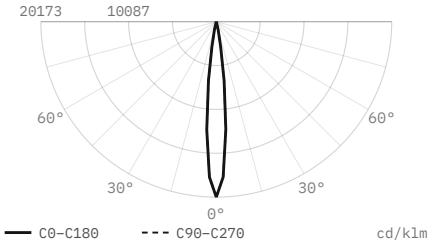
D3-4016, 43 W, 60° beam

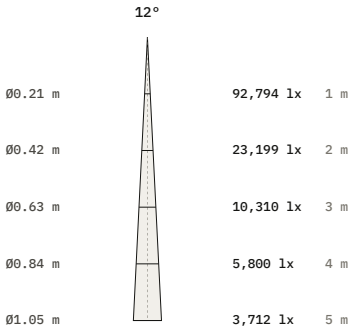




Luminous flux	5,077 lm
Efficacy	118 lm/W
Peak intensity	4,368 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø170 × 109 mm
Data	Calculated from catalogue data

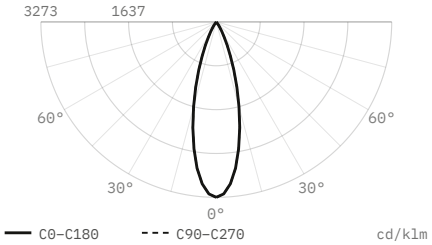
D3-4016, 43 W, 12° beam

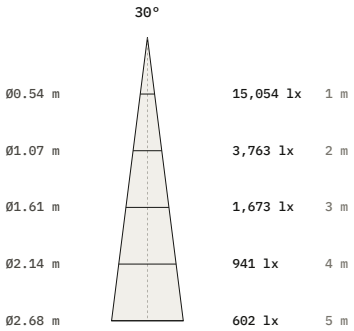




Luminous flux	4,600 lm
Efficacy	107 lm/W
Peak intensity	92,794 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø170 × 109 mm
Data	Calculated from catalogue data

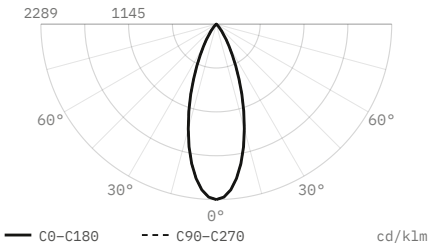
D3-4016, 43 W, 30° beam

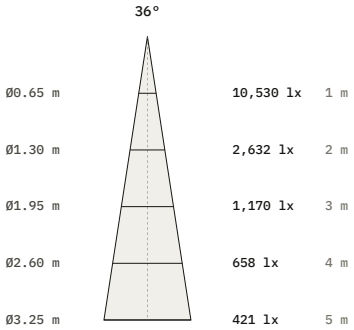




Luminous flux	4,600 lm
Efficacy	107 lm/W
Peak intensity	15,054 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø170 × 109 mm
Data	Calculated from catalogue data

D3-4016, 43 W, 36° beam





Luminous flux	4,600 lm
Efficacy	107 lm/W
Peak intensity	10,530 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	Ø170 × 109 mm
Data	Calculated from catalogue data

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Technical data may change without notice.