Downlights

Eco DL1616

Recessed spotlight

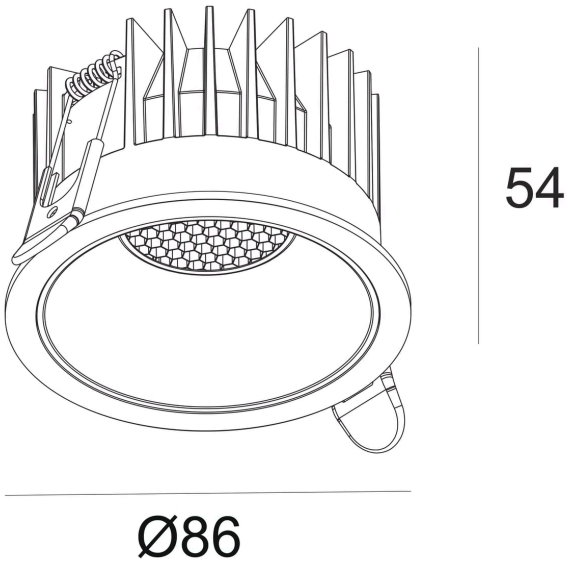


Recessed spotlight. 13 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. IP65. 97 CRI.

- Ceiling cut-out Ø75 mm
- LED source: Citizen

Power **13 W**	Voltage **max 37 V**	Luminous flux **1241 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 38°, 55°**
IP rating **IP65**	Certifications **CE**	Mounting **Recessed**
Finishes **Black**		

Dimensions



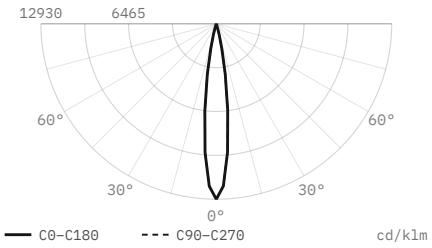
Models

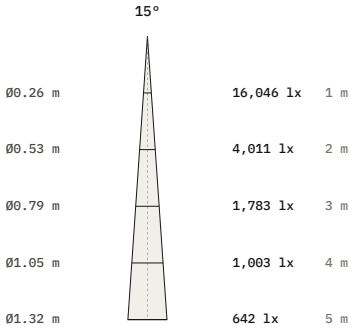
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1616	13 W	max 37 V	1241 lm	97 CRI	Ø86 × 54 mm	Ø75 mm	15° 24° 38° 55°	350 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1616, 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.

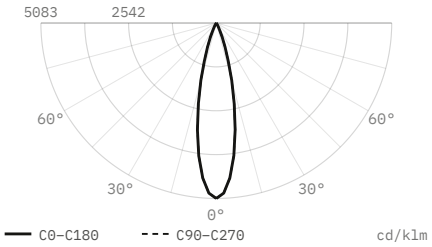
DL1616, 13 W, 15° beam

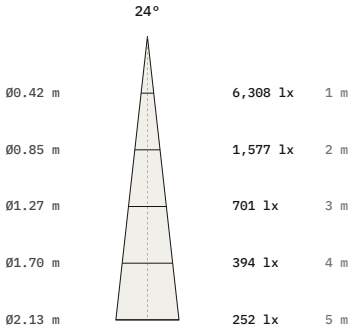




Luminous flux	1,241 lm
Efficacy	95 lm/W
Peak intensity	16,046 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø86 × 54 mm
Data	Calculated from catalogue data

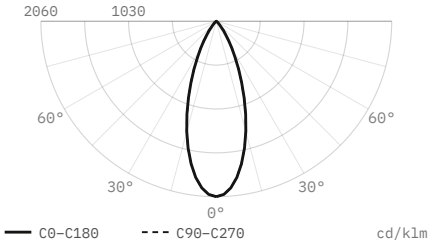
DL1616, 13 W, 24° beam

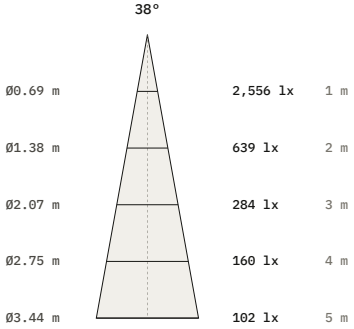




Luminous flux	1,241 lm
Efficacy	95 lm/W
Peak intensity	6,308 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø86 × 54 mm
Data	Calculated from catalogue data

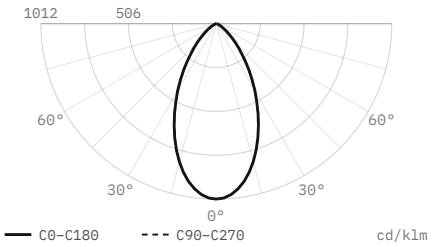
DL1616, 13 W, 38° beam

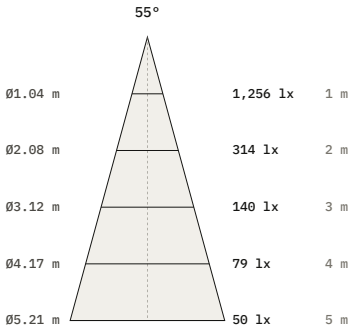




Luminous flux	1,241 lm
Efficacy	95 lm/W
Peak intensity	2,556 cd, 2,060 cd/klm
Beam angle (50%)	38°
Field angle (10%)	69.3°
Cut-off angle (2.5%)	43.5°
Flux 0–30° / 30–60° / 60–90°	83 / 16.9 / 0.1 %
Size	Ø86 × 54 mm
Data	Calculated from catalogue data

DL1616, 13 W, 55° beam





Luminous flux	1,241 lm
Efficacy	95 lm/W
Peak intensity	1,256 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	Ø86 × 54 mm
Data	Calculated from catalogue data

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Technical data may change without notice.