

Recessed

Dot DL1842

Recessed spotlight

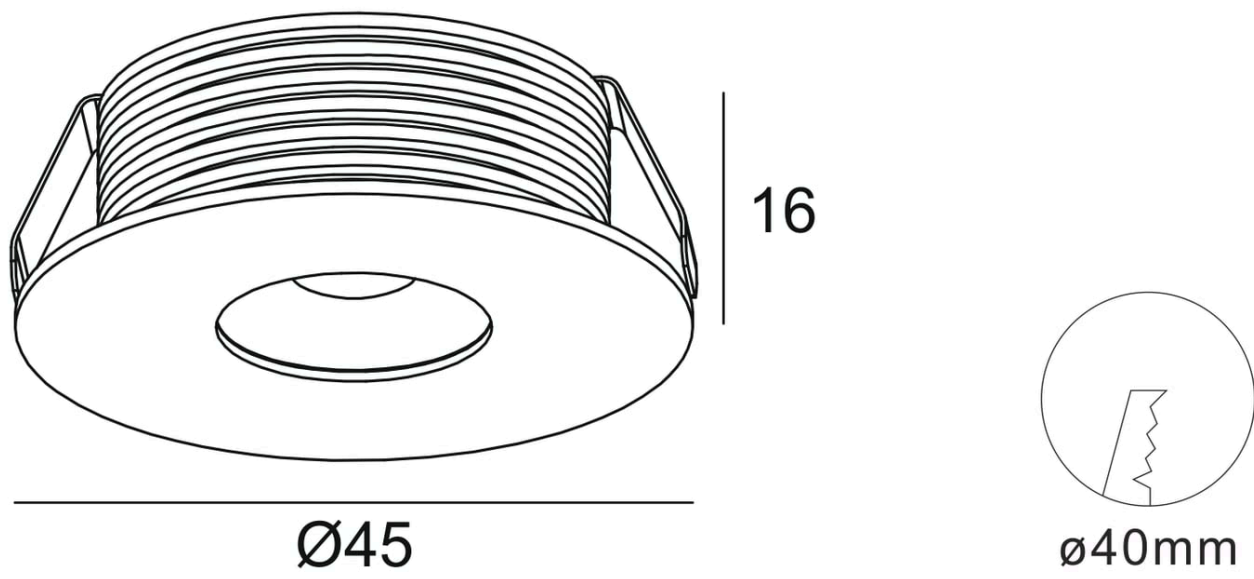


Recessed spotlight. 3 W. Four beam angles, 15° to 55°.
2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø40 mm
- LED source: Citizen

Power 3 W	Voltage 24 V DC	Luminous flux 270 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 55°
IP rating IP20	Certifications CE	Mounting Recessed, Surface
Finishes Black		

Dimensions



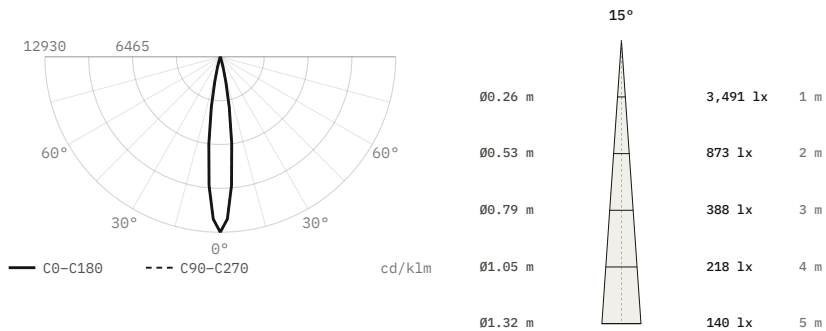
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
DL1842	3 W	24 V DC	270 lm	97 CRI	Ø45 × 16 mm	Ø40 mm	15° 24° 36° 55°

Photometry

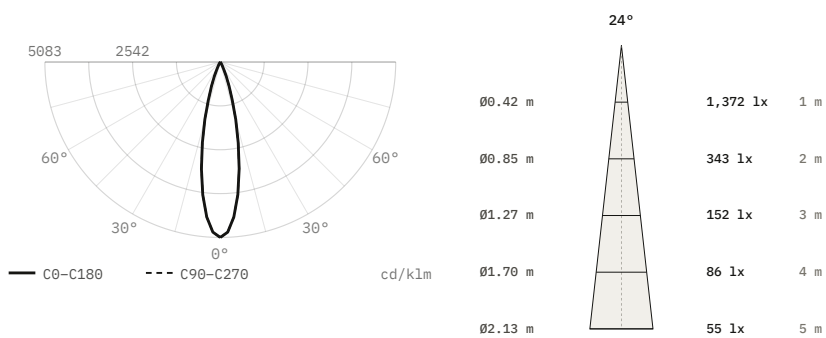
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1842, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1842, 3 W, 15° beam



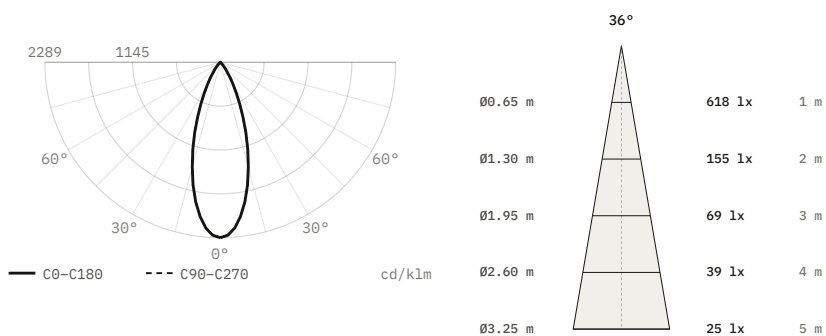
Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	3,491 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø45 × 16 mm
Data	Calculated from catalogue data

DL1842, 3 W, 24° beam



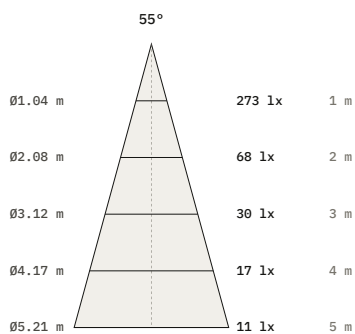
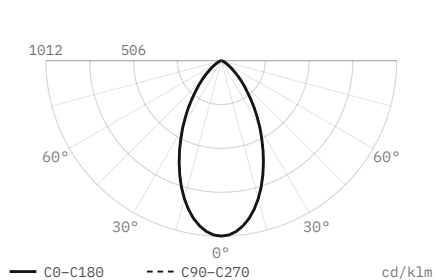
Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	1,372 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø45 × 16 mm
Data	Calculated from catalogue data

DL1842, 3 W, 36° beam



Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	618 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	Ø45 × 16 mm
Data	Calculated from catalogue data

DL1842, 3 W, 55° beam



Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	273 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	Ø45 × 16 mm
Data	Calculated from catalogue data

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Technical data may change without notice.