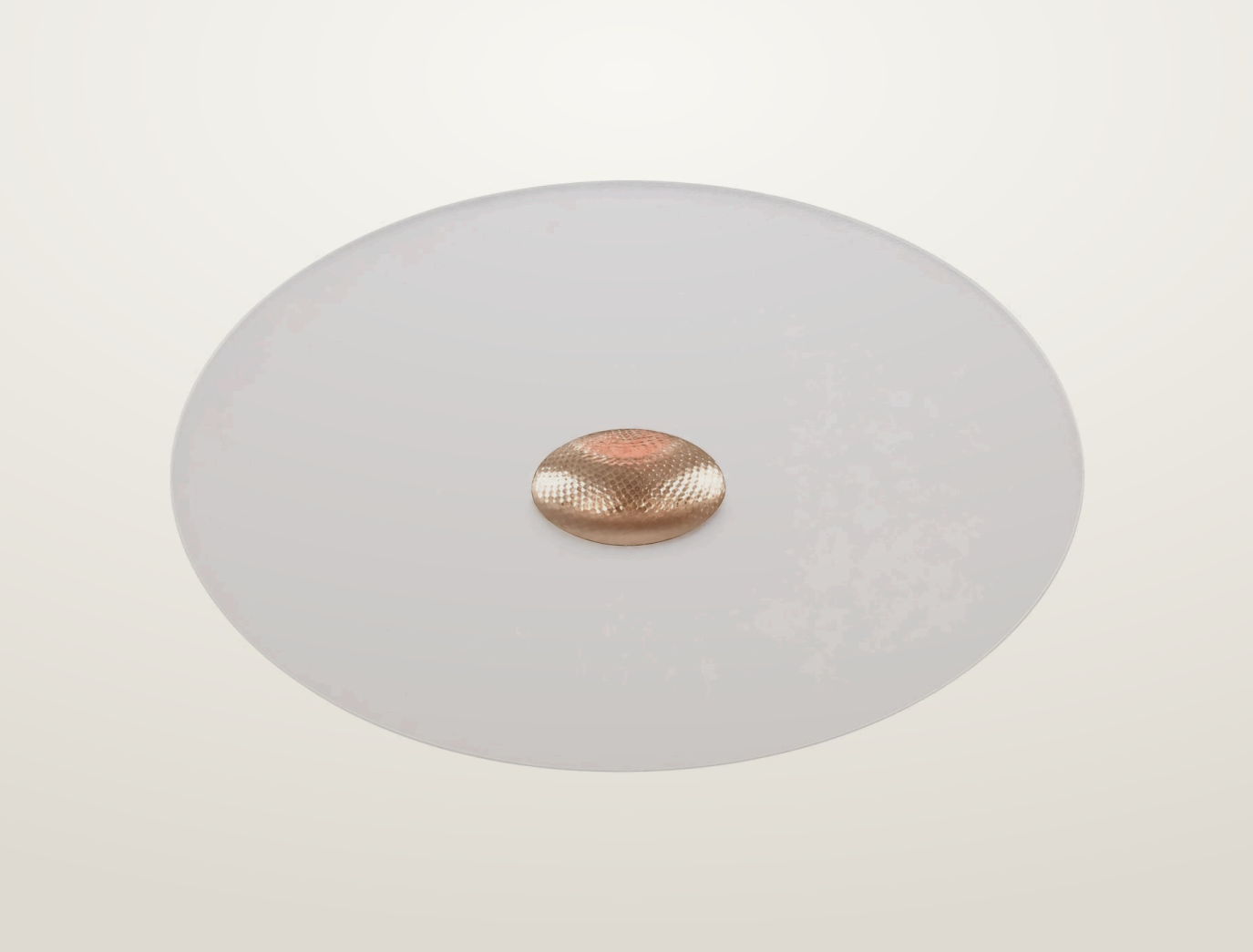
Downlights

Dot DL1842

Recessed spotlight

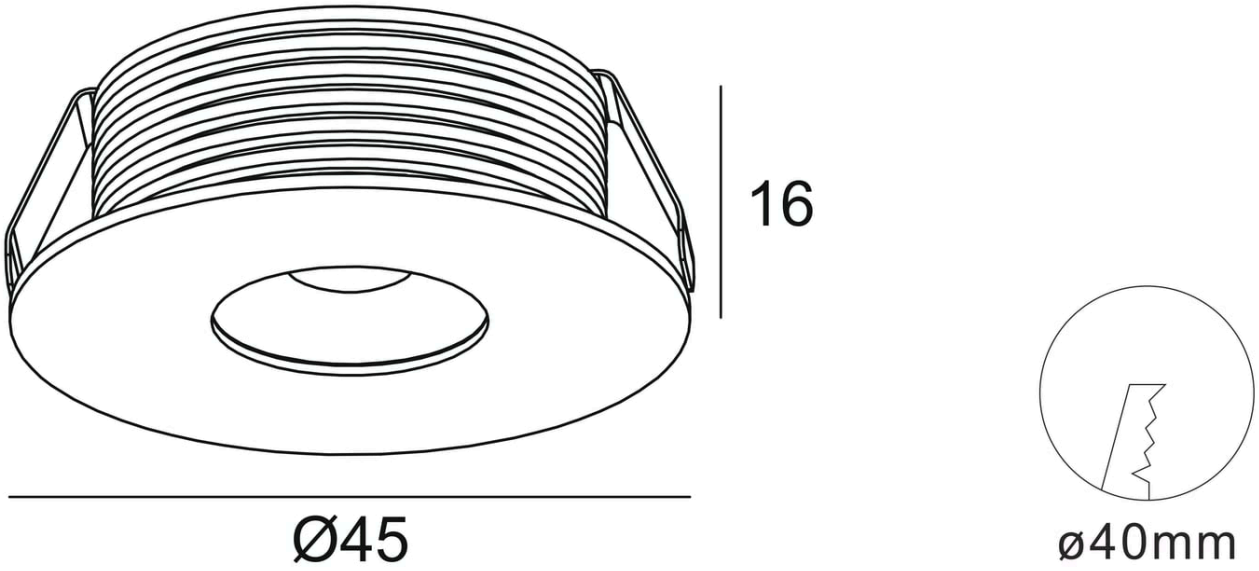


Recessed spotlight. 3 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. 97 CRI.

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

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

Dimensions



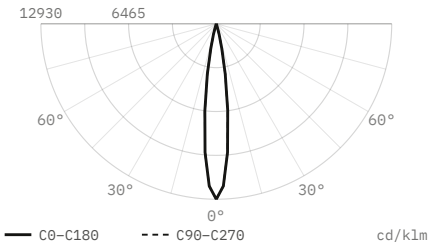
Models

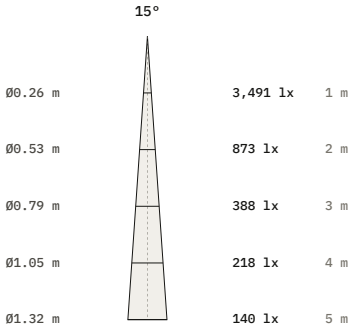
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam
DL1842	3 W	24 V DC	270 lm	97 CRI	Ø45 × 16 mm	Ø40 mm	15° 24° 36° 55°

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.

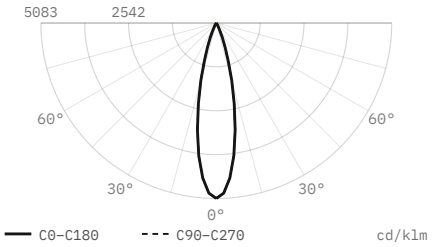
DL1842, 3 W, 15° beam

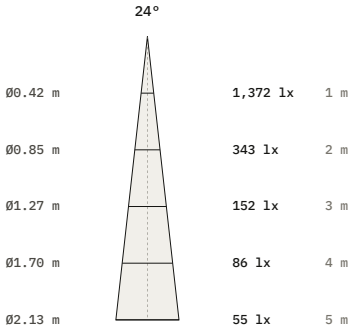




Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	3,491 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø45 × 16 mm
Data	Calculated from catalogue data

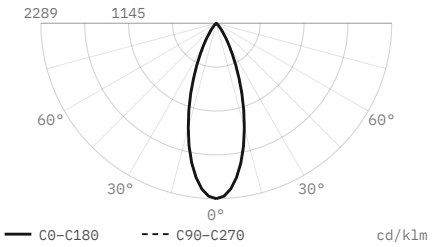
DL1842, 3 W, 24° beam

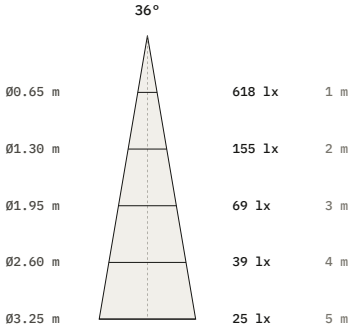




Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	1,372 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø45 × 16 mm
Data	Calculated from catalogue data

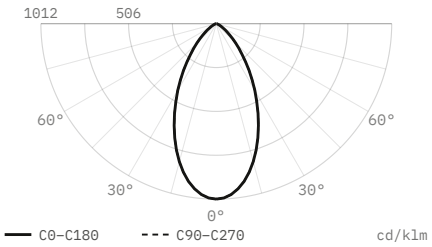
DL1842, 3 W, 36° beam

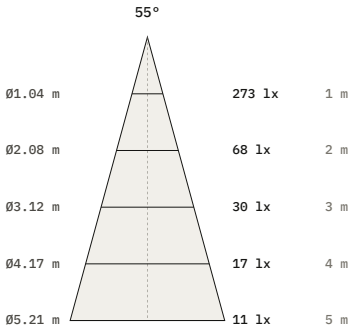




Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	618 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø45 × 16 mm
Data	Calculated from catalogue data

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.