Downlights

Robo DL1811

Recessed spotlight

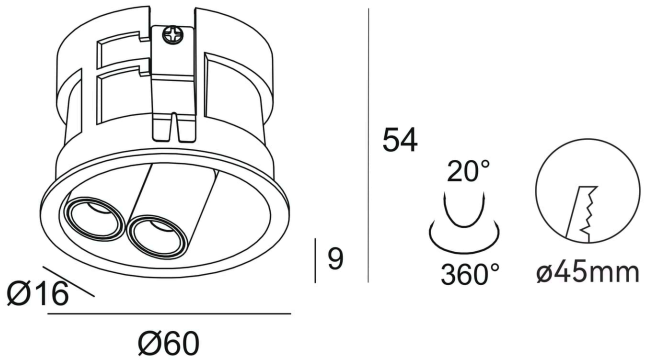


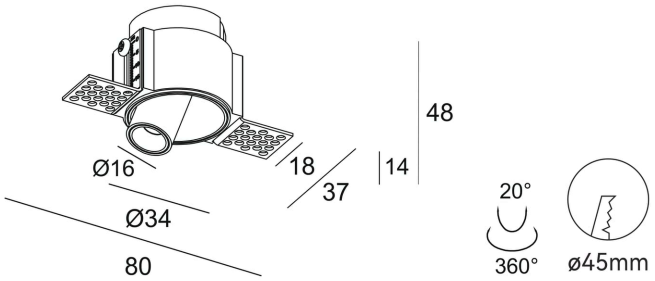
Recessed spotlight. 2 or 4 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

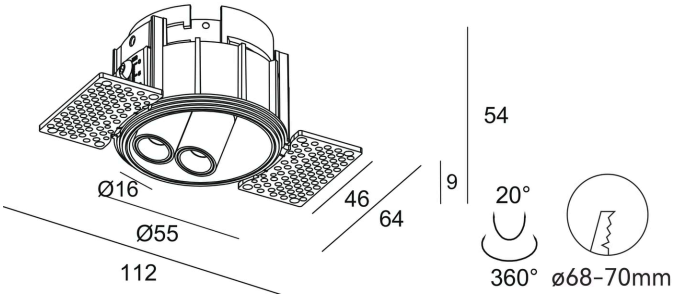
- Ceiling cut-out Ø45 / Ø68 mm
- LED source: Citizen

Power 2 W, 4 W	Voltage max 6 V, max 3 V	Luminous flux 2 × 140 lm, 140 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 60°
IP rating IP20	Certifications CE	Mounting Recessed
Finishes White		

Dimensions







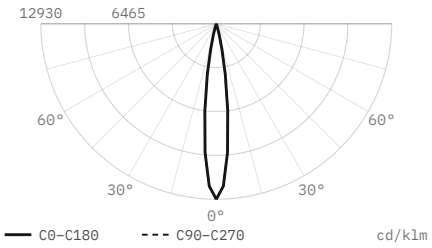
Models

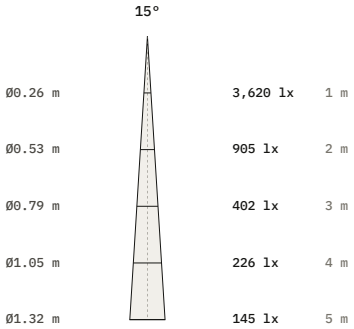
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1811	4 W	max 6 V	2 × 140 lm	97 CRI	Ø60 × 54 (flange height 9 mm	Ø45 mm	15° 24° 36° 60°	700 mA
DL1810	2 W	max 3 V	140 lm	97 CRI	Ø34 housing, plaster flange 80 × 37, heights 48 / 14 / 18 mm	Ø45 mm	15° 24° 36° 60°	700 mA
DL1812	4 W	max 6 V	2 × 140 lm	97 CRI	Ø55 housing, plaster flange 112 × 64, heights 54 / 9 / 46 mm	Ø68 mm	15° 24° 36° 60°	700 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1811, 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.

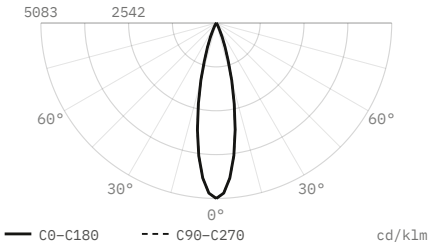
DL1811, 4 W, 15° beam

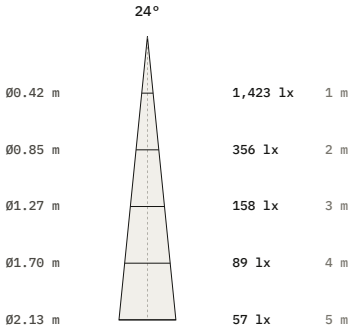




Luminous flux	280 lm
Efficacy	70 lm/W
Peak intensity	3,620 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø60 × 54 mm
Data	Calculated from catalogue data

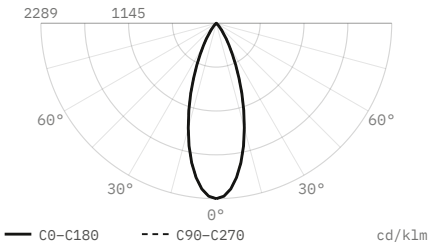
DL1811, 4 W, 24° beam

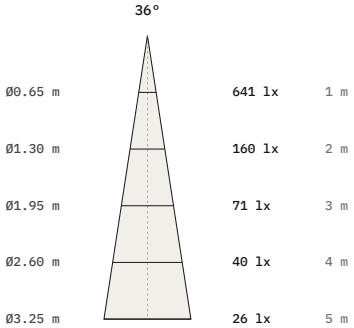




Luminous flux	280 lm
Efficacy	70 lm/W
Peak intensity	1,423 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø60 × 54 mm
Data	Calculated from catalogue data

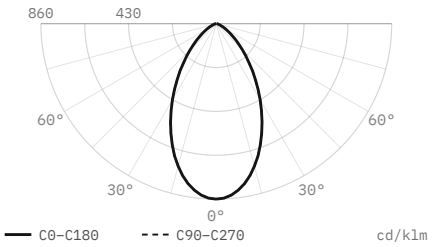
DL1811, 4 W, 36° beam

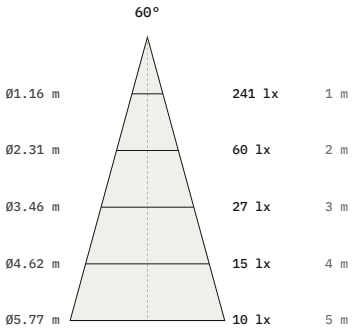




Luminous flux	280 lm
Efficacy	70 lm/W
Peak intensity	641 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø60 × 54 mm
Data	Calculated from catalogue data

DL1811, 4 W, 60° beam





Luminous flux	280 lm
Efficacy	70 lm/W
Peak intensity	241 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	Ø60 × 54 mm
Data	Calculated from catalogue data

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Technical data may change without notice.