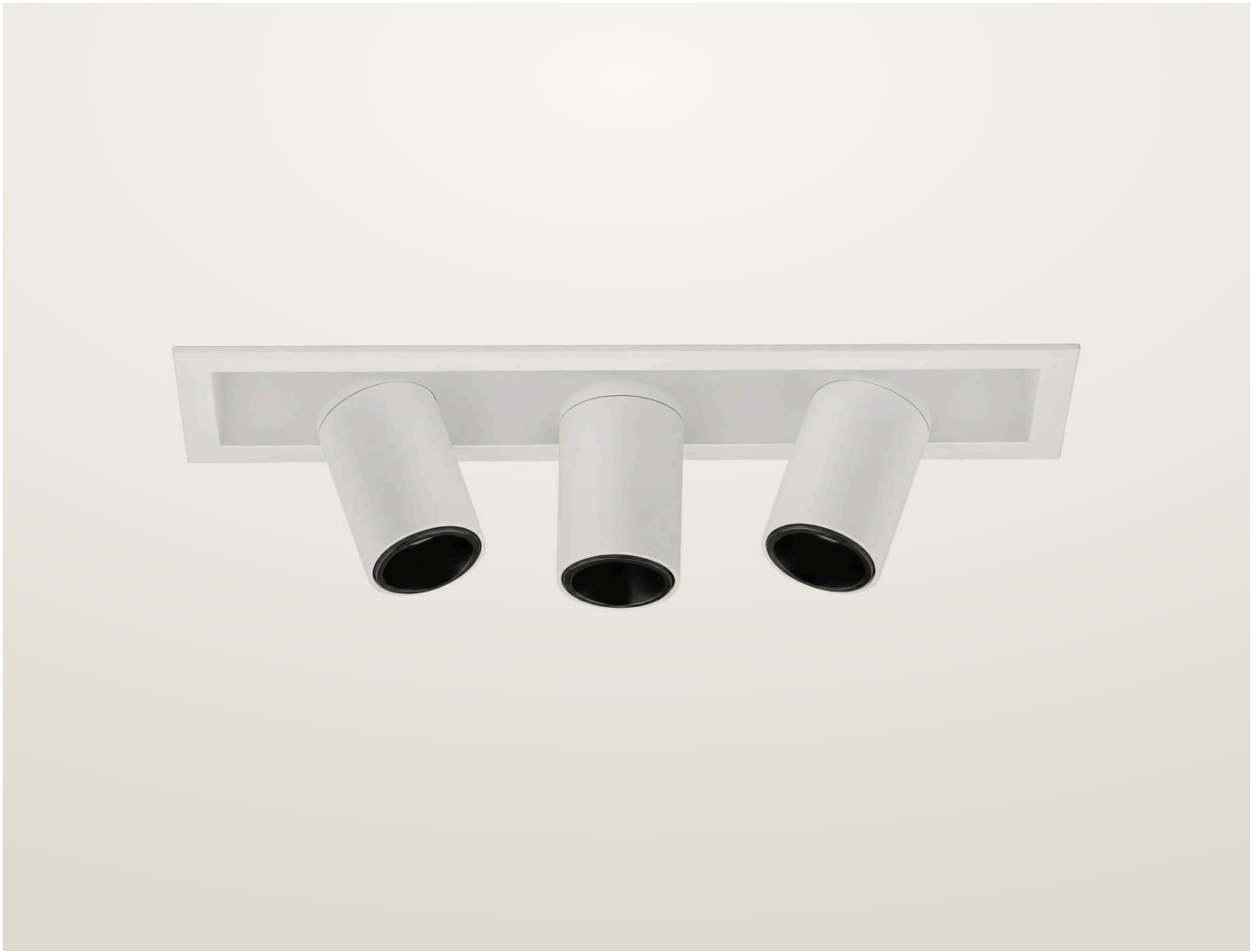
Downlights

Robo DL1791

Recessed spotlight

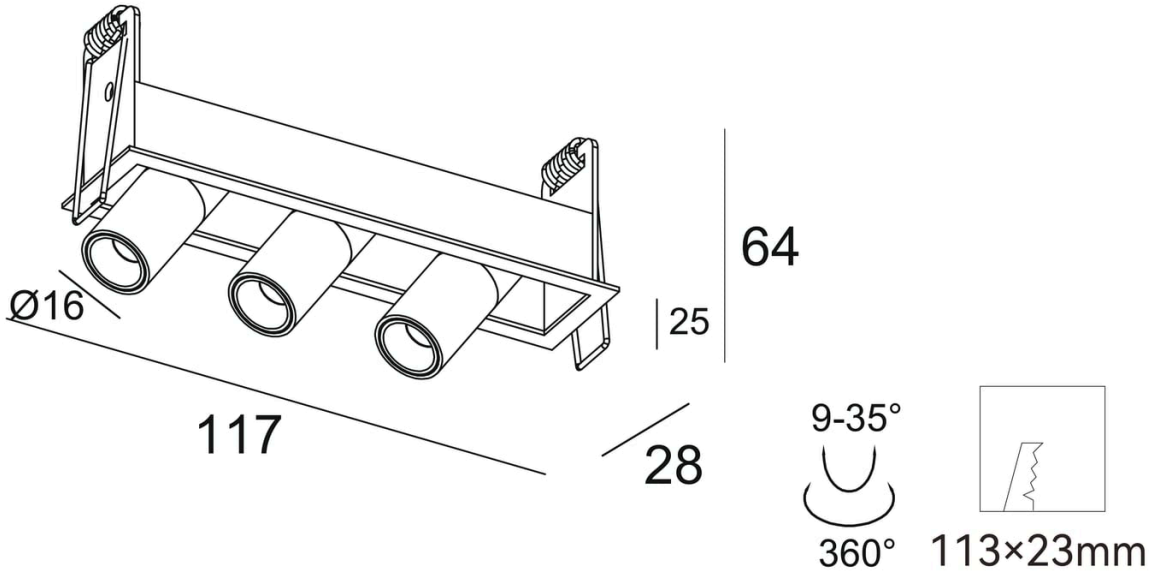


Recessed spotlight. 6 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø113 mm
- LED source: Citizen

Power	Voltage	Luminous flux
6 W	max 9 V	3 × 140 lm
Colour temperature	**CRI**	**Beam angles**
2700 K, 3000 K, 4000 K	97 CRI	15°, 24°, 36°, 60°
IP rating	**Certifications**	**Mounting**
IP20	CE	Recessed
Finishes		
White		

Dimensions



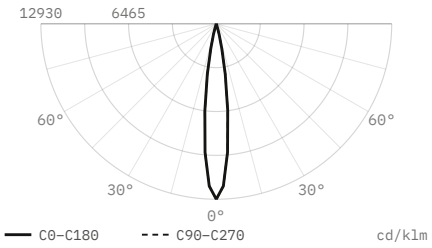
Models

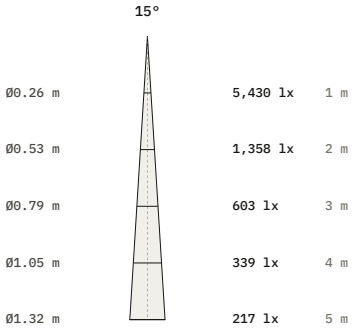
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1791	6 W	max 9 V	3 × 140 lm	97 CRI	117 × 28 × 64 mm (frame	Ø113 mm	15° 24° 36° 60°	700 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1791, 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.

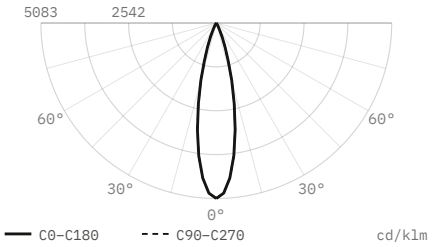
DL1791, 6 W, 15° beam

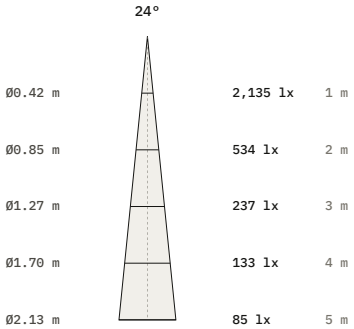




Luminous flux	420 lm
Efficacy	70 lm/W
Peak intensity	5,430 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	117 × 28 × 64 mm
Data	Calculated from catalogue data

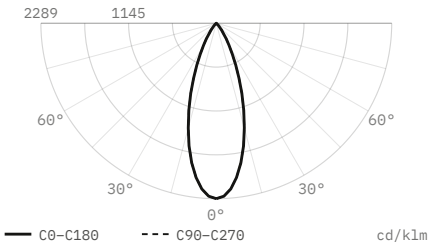
DL1791, 6 W, 24° beam

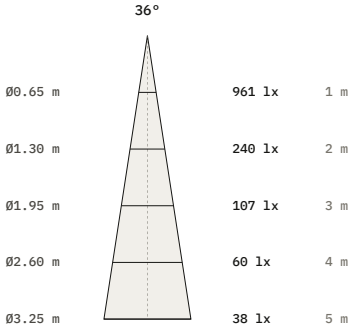




Luminous flux	420 lm
Efficacy	70 lm/W
Peak intensity	2,135 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	117 × 28 × 64 mm
Data	Calculated from catalogue data

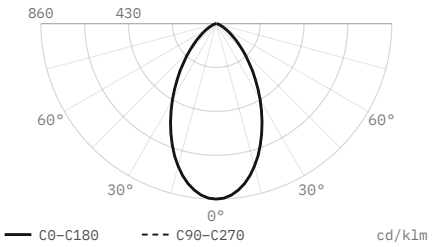
DL1791, 6 W, 36° beam

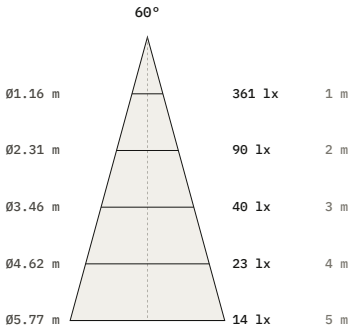




Luminous flux	420 lm
Efficacy	70 lm/W
Peak intensity	961 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	117 × 28 × 64 mm
Data	Calculated from catalogue data

DL1791, 6 W, 60° beam





Luminous flux	420 lm
Efficacy	70 lm/W
Peak intensity	361 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	117 × 28 × 64 mm
Data	Calculated from catalogue data

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Technical data may change without notice.