Downlights

Moon DL1027

Recessed spotlight

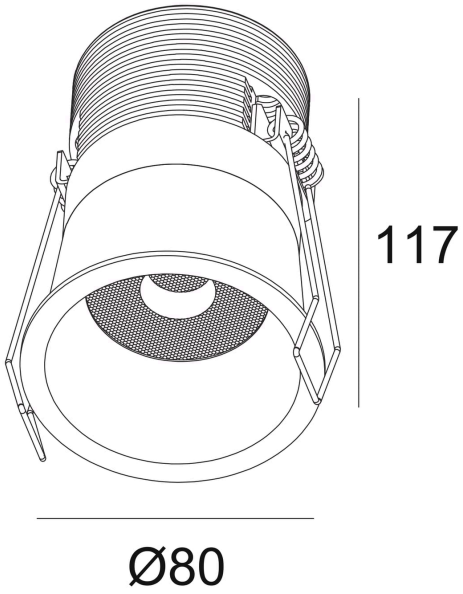


Recessed spotlight. 18 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø70 mm
- LED source: Citizen

Power	Voltage	Luminous flux
18 W	max 37 V	1620 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
Finishes		
White		

Dimensions



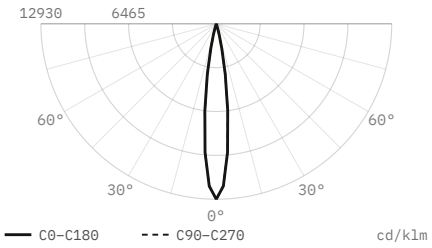
Models

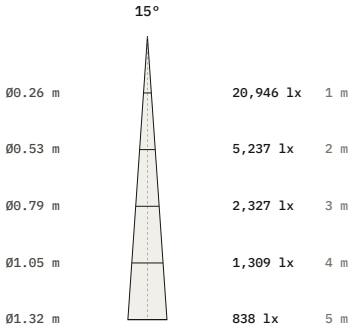
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1027	18 W	max 37 V	1620 lm	97 CRI	Ø80 x H117 mm	Ø70 mm	15° 24° 36° 55°	500 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1027, 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.

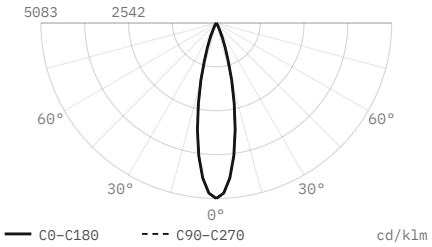
DL1027, 18 W, 15° beam

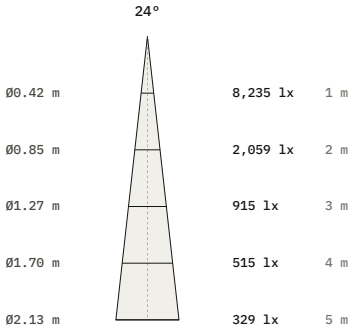




Luminous flux	1,620 lm
Efficacy	90 lm/W
Peak intensity	20,946 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø80 × 117 mm
Data	Calculated from catalogue data

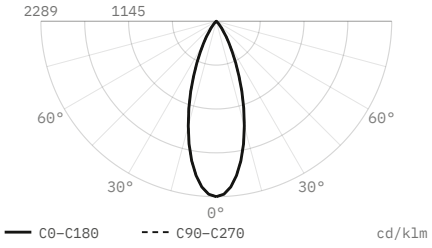
DL1027, 18 W, 24° beam

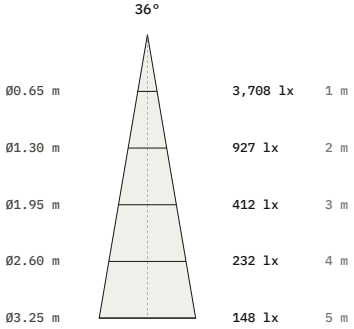




Luminous flux	1,620 lm
Efficacy	90 lm/W
Peak intensity	8,235 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø80 × 117 mm
Data	Calculated from catalogue data

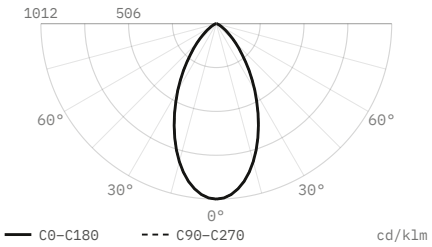
DL1027, 18 W, 36° beam

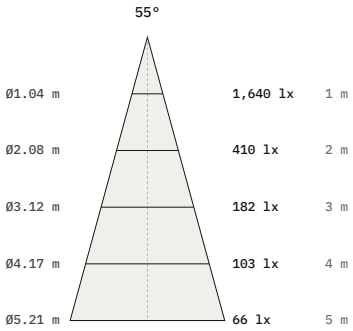




Luminous flux	1,620 lm
Efficacy	90 lm/W
Peak intensity	3,708 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø80 × 117 mm
Data	Calculated from catalogue data

DL1027, 18 W, 55° beam





Luminous flux	1,620 lm
Efficacy	90 lm/W
Peak intensity	1,640 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	Ø80 × 117 mm
Data	Calculated from catalogue data

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Technical data may change without notice.