Downlights

Moon DL1249

Recessed spotlight



Recessed spotlight. 7 or 10 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. IP54. 97 CRI.

- Ceiling cut-out Ø55 mm
- LED source: Citizen

Power **7 W, 10 W**	Luminous flux **630 lm, 960 lm**	Colour temperature **2700 K, 3000 K, 4000 K**
CRI **97 CRI**	Beam angles **15°, 24°, 36°, 55°**	IP rating **IP54**
Certifications **CE**	Mounting **Recessed**	Finishes **Black**

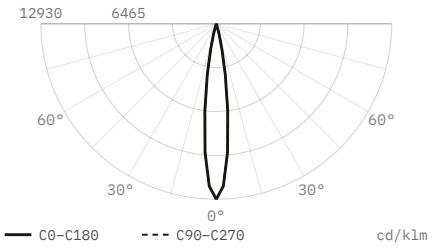
Models

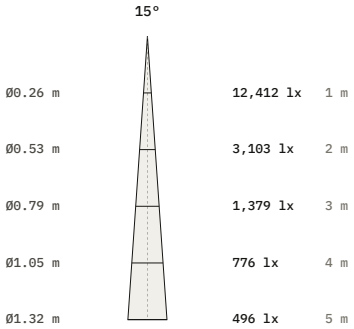
Code	Power	Flux	CRI	Size	Cut-out	Beam	Notes
DL1249	7 W	630 lm	97 CRI	Ø60 x H90 mm	Ø55 mm	15° 24° 36° 55°	350 / 500 mA
DL1249	10 W	960 lm	97 CRI	Ø60 x H90 mm	Ø55 mm	15° 24° 36° 55°	350 / 500 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1249, 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.

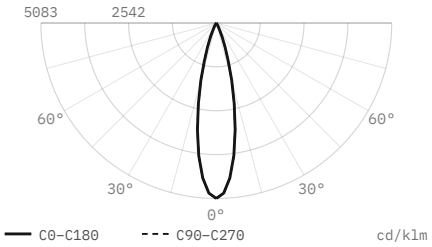
DL1249, 10 W, 15° beam

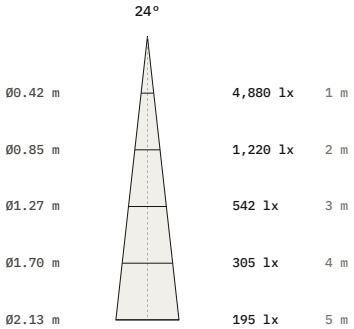




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø60 × 90 mm
Data	Calculated from catalogue data

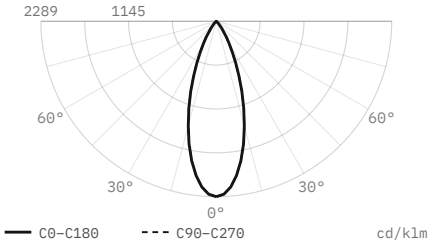
DL1249, 10 W, 24° beam

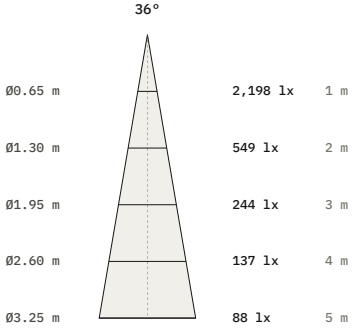




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø60 × 90 mm
Data	Calculated from catalogue data

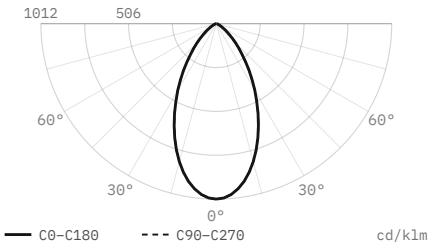
DL1249, 10 W, 36° beam

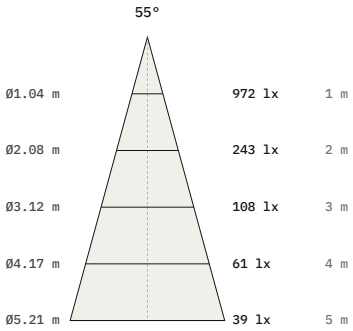




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	2,198 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø60 × 90 mm
Data	Calculated from catalogue data

DL1249, 10 W, 55° beam





Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	972 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	Ø60 × 90 mm
Data	Calculated from catalogue data

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Technical data may change without notice.