Downlights

Maxi DL1742

Recessed spotlight



Recessed spotlight. 18 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø105 mm
- LED source: Citizen

Power **18 W**	Luminous flux **1440 lm**	Colour temperature **2700 K, 3000 K, 4000 K**
CRI **97 CRI**	Beam angles **15°, 24°, 36°, 50°**	IP rating **IP20**
Certifications **CE**	Mounting **Recessed**	Finishes **Black**

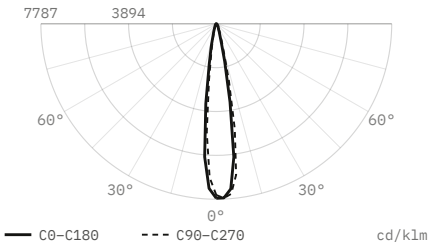
Models

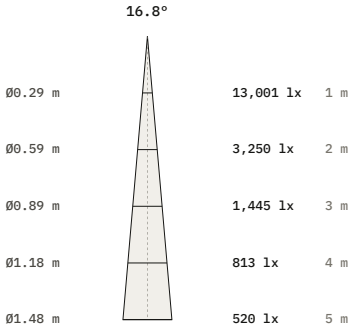
Code	Power	Flux	CRI	Size	Cut-out	Beam	Notes
DL1742	18 W	1440 lm	97 CRI	Ø90 x H121 mm (trimless plate 149 × 100 mm)	Ø105 mm	15° 24° 36° 50°	500 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1742, from the same data as the IES and LDT files on the product page. Curves marked measured come from goniophotometer tests in the laboratory; the others are calculated from catalogue data, not measured.

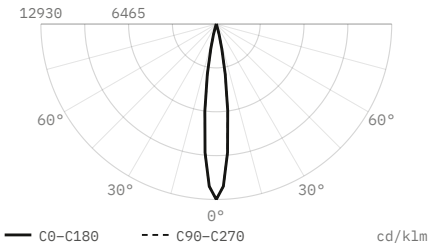
DL1742, 17.5 W, 3000 K, 16.8° beam, measured

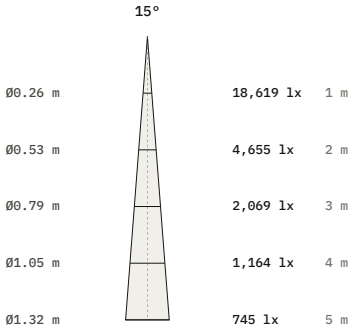




Luminous flux	1,678 lm
Efficacy	96 lm/W
Peak intensity	13,066 cd, 7,787 cd/klm
Beam angle (50%)	16.8°
Field angle (10%)	29.4°
Cut-off angle (2.5%)	28°
Flux 0–30° / 30–60° / 60–90°	86.1 / 12.5 / 1.4 %
Size	Ø90 × 121 mm
Data	Measured with a goniophotometer (EVERFINE GO-2000B), 19 August 2025

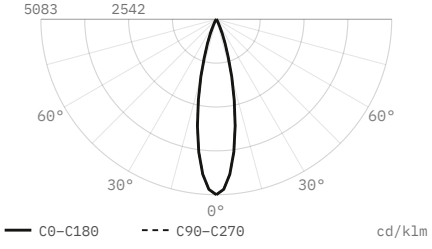
DL1742, 18 W, 15° beam

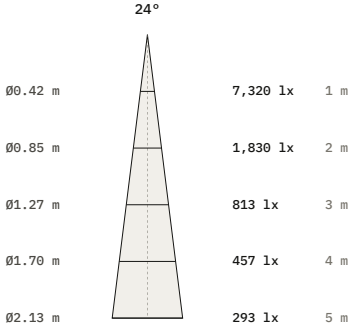




Luminous flux	1,440 lm
Efficacy	80 lm/W
Peak intensity	18,619 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø90 × 121 mm
Data	Calculated from catalogue data

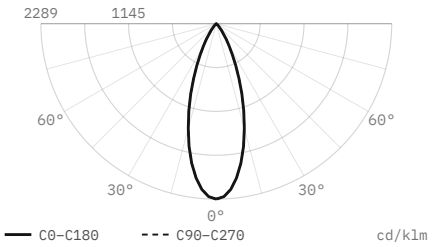
DL1742, 18 W, 24° beam

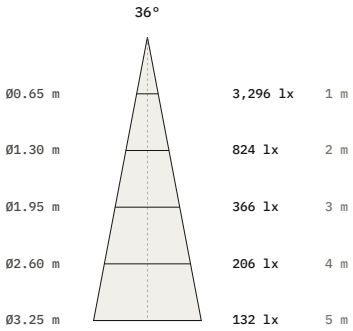




Luminous flux	1,440 lm
Efficacy	80 lm/W
Peak intensity	7,320 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø90 × 121 mm
Data	Calculated from catalogue data

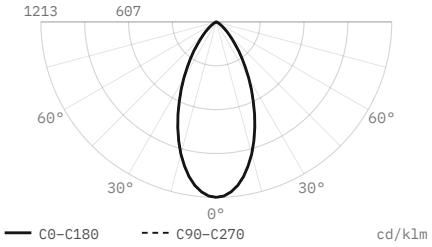
DL1742, 18 W, 36° beam

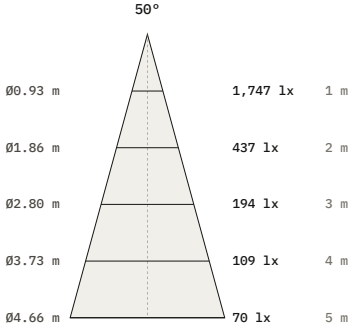




Luminous flux	1,440 lm
Efficacy	80 lm/W
Peak intensity	3,296 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø90 × 121 mm
Data	Calculated from catalogue data

DL1742, 18 W, 50° beam





Luminous flux	1,440 lm
Efficacy	80 lm/W
Peak intensity	1,747 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	Ø90 × 121 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.