Downlights

Dot DL1843

Recessed spotlight

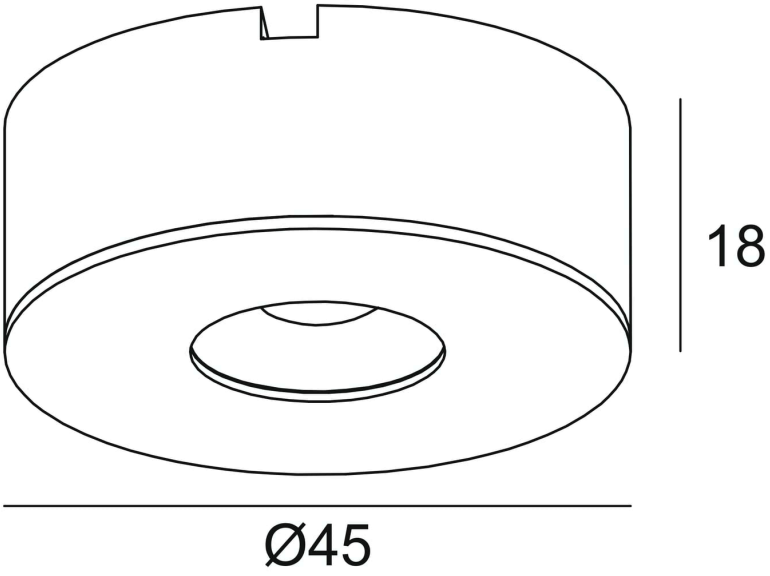


Recessed spotlight. 3 W. Four beam angles, 15° to 55°. 2700, 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **3 W**	Voltage **24 V DC**	Luminous flux **270 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°, 55°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed, Surface**
Finishes **Black**		

Dimensions



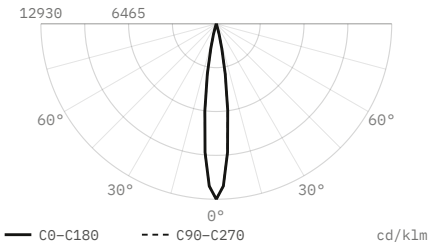
Models

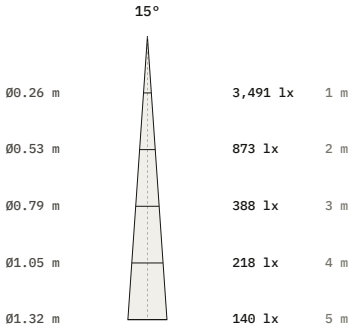
Code	Power	Voltage	Flux	CRI	Size	Beam
DL1843	3 W	24 V DC	270 lm	97 CRI	Ø45 × 18 mm	15° 24° 36° 55°

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1843, 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.

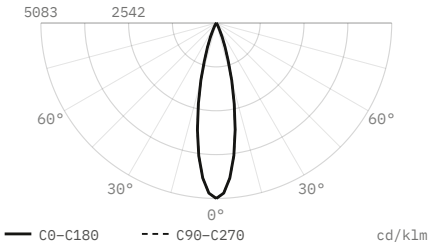
DL1843, 3 W, 15° beam

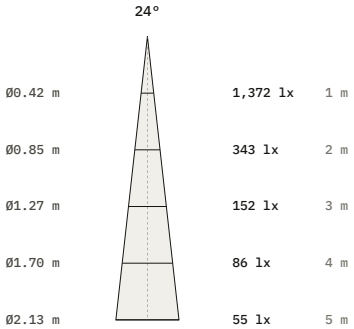




Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	3,491 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø45 × 18 mm
Data	Calculated from catalogue data

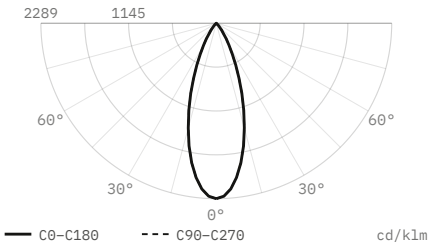
DL1843, 3 W, 24° beam

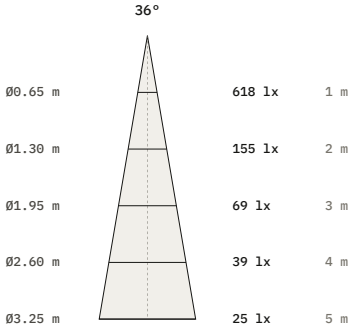




Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	1,372 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø45 × 18 mm
Data	Calculated from catalogue data

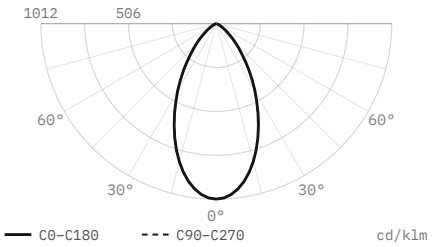
DL1843, 3 W, 36° beam

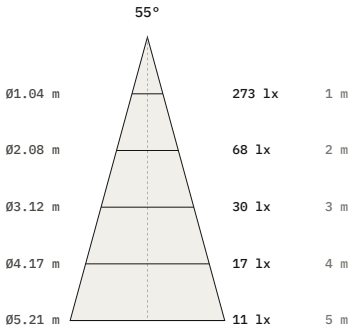




Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	618 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø45 × 18 mm
Data	Calculated from catalogue data

DL1843, 3 W, 55° beam





Luminous flux	270 lm
Efficacy	90 lm/W
Peak intensity	273 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	Ø45 × 18 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.