

Recessed

D3-1013R

Recessed spotlight

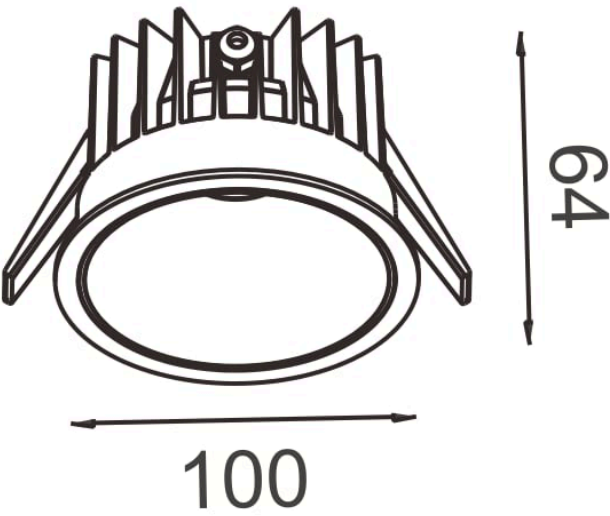


Recessed spotlight. 18 W. Four beam angles, 15° to 55°. 3000, 4000 K. IP65. 97 CRI.

- Ceiling cut-out Ø90 mm
- LED source: Citizen

Power 18 W	Luminous flux 1700–1800 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 38°, 55°	IP rating IP65
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



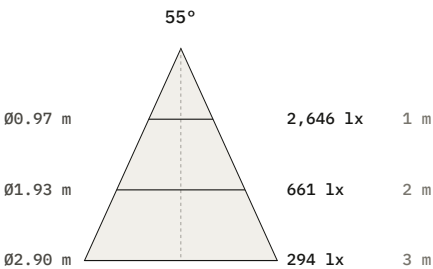
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
D3-1013R	18 W	1700–1800 lm	97 CRI	Ø100 × 64 mm	Ø90 mm	15° 24° 38° 55°

Photometric data

Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

18 W

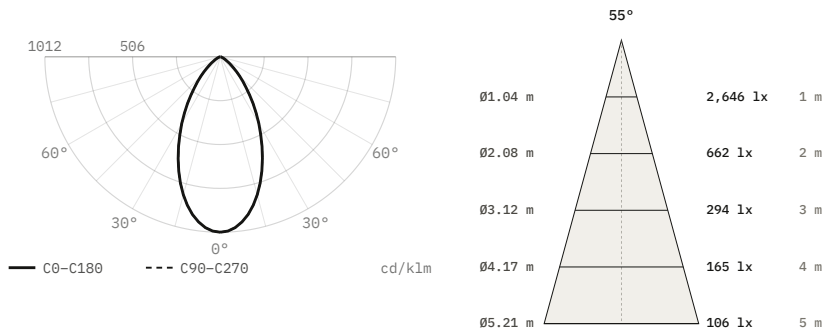


Beam	1 m	2 m	3 m
55°	2,646 lx Ø970 mm	661 lx Ø1930 mm	294 lx Ø2900 mm

Photometry

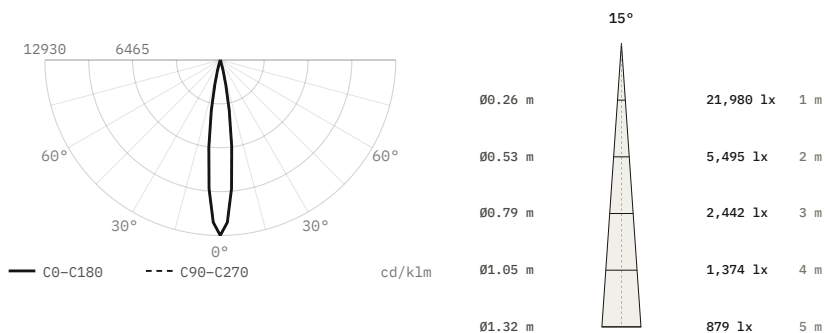
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-1013R, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-1013R, 18 W, 55° beam



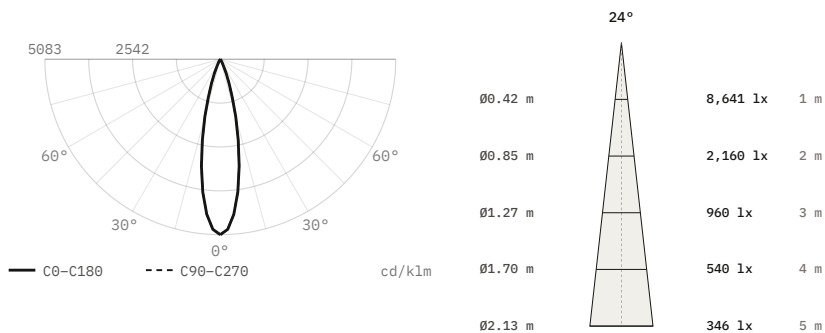
Luminous flux	2,614 lm
Efficacy	145 lm/W
Peak intensity	2,646 cd, 1,012 cd/klm
Beam angle (50%)	55°
Field angle (10%)	100.2°
Cut-off angle (2.5%)	63°
Flux 0–30° / 30–60° / 60–90°	58.2 / 38.8 / 3 %
Size	Ø100 × 64 mm
Data	Calculated from catalogue data

D3-1013R, 18 W, 15° beam



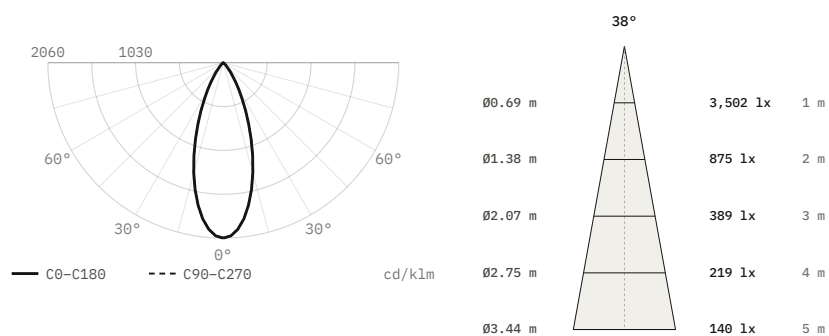
Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	21,980 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø100 × 64 mm
Data	Calculated from catalogue data

D3-1013R, 18 W, 24° beam



Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	8,641 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	Ø100 × 64 mm
Data	Calculated from catalogue data

D3-1013R, 18 W, 38° beam



Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	3,502 cd, 2,060 cd/klm
Beam angle (50%)	38°
Field angle (10%)	69.3°
Cut-off angle (2.5%)	43.5°
Flux 0–30° / 30–60° / 60–90°	83 / 16.9 / 0.1 %
Size	Ø100 × 64 mm
Data	Calculated from catalogue data

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Technical data may change without notice.