

Recessed

D3-1016R

Recessed spotlight

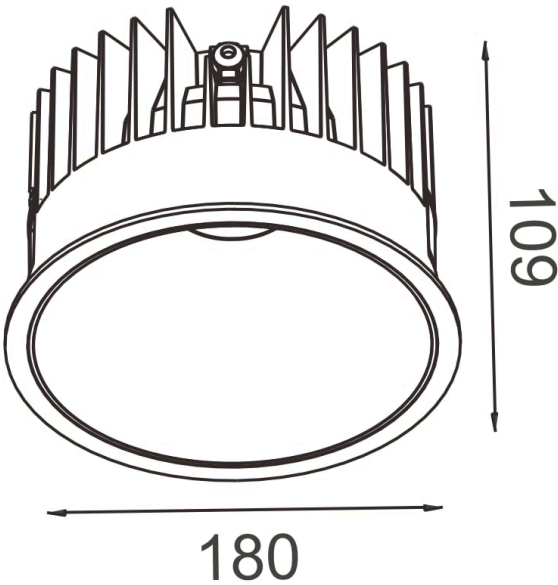


Recessed spotlight. 48 W. Four beam angles, 15° to 55°. 3000, 4000 K. IP65. 97 CRI.

- Ceiling cut-out Ø165 mm
- LED source: Citizen

Power 48 W	Luminous flux 4700–4800 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



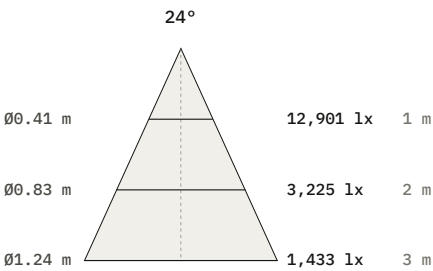
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
D3-1016R	48 W	4700–4800 lm	97 CRI	Ø180 × 109 mm	Ø165 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.

48 W

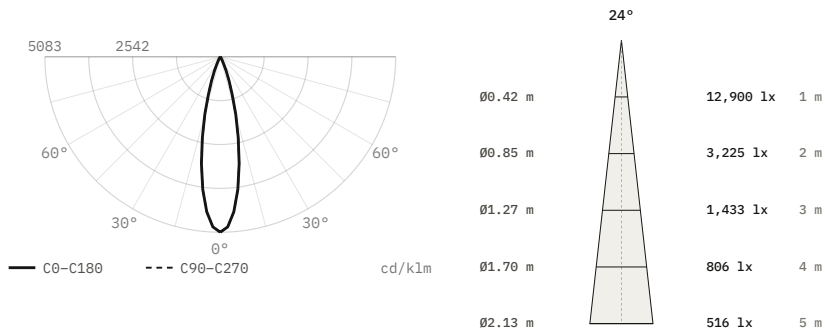


Beam	1 m	2 m	3 m
24°	12,901 lx Ø410 mm	3,225 lx Ø830 mm	1,433 lx Ø1240 mm

Photometry

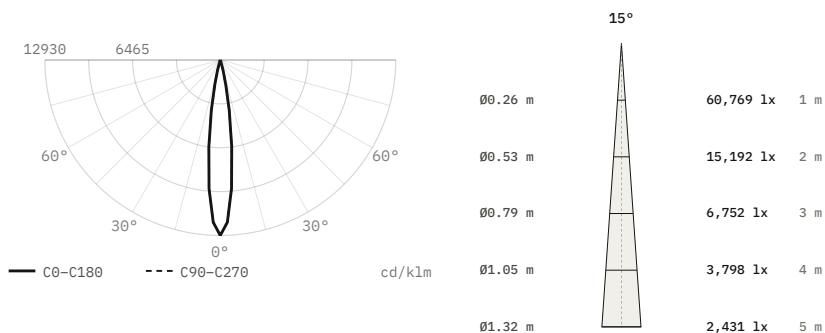
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-1016R, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-1016R, 48 W, 24° beam



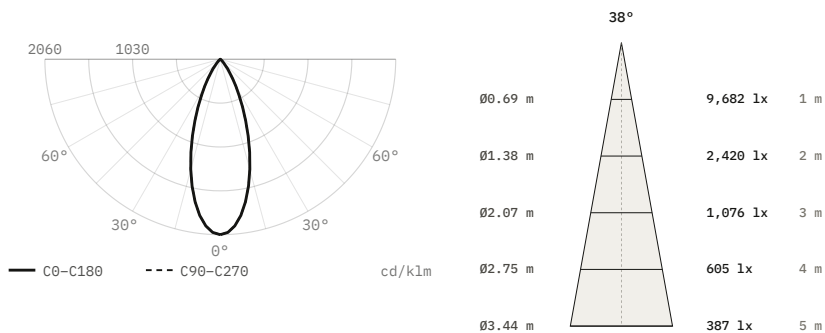
Luminous flux	2,538 lm
Efficacy	53 lm/W
Peak intensity	12,900 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø180 × 109 mm
Data	Calculated from catalogue data

D3-1016R, 48 W, 15° beam



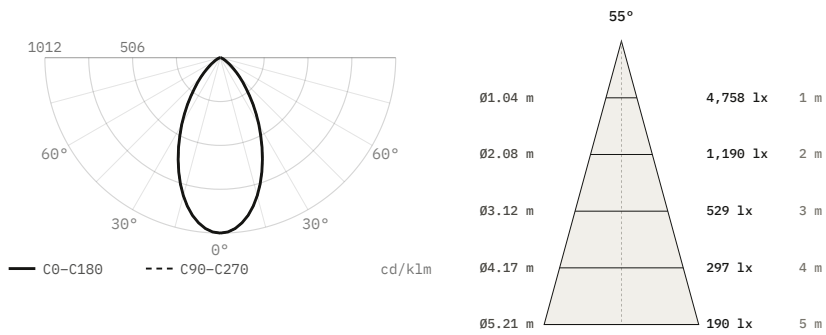
Luminous flux	4,700 lm
Efficacy	98 lm/W
Peak intensity	60,769 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø180 × 109 mm
Data	Calculated from catalogue data

D3-1016R, 48 W, 38° beam



Luminous flux	4,700 lm
Efficacy	98 lm/W
Peak intensity	9,682 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	Ø180 × 109 mm
Data	Calculated from catalogue data

D3-1016R, 48 W, 55° beam



Luminous flux	4,700 lm
Efficacy	98 lm/W
Peak intensity	4,758 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	Ø180 × 109 mm
Data	Calculated from catalogue data