

Recessed

D3-4618

Recessed spotlight



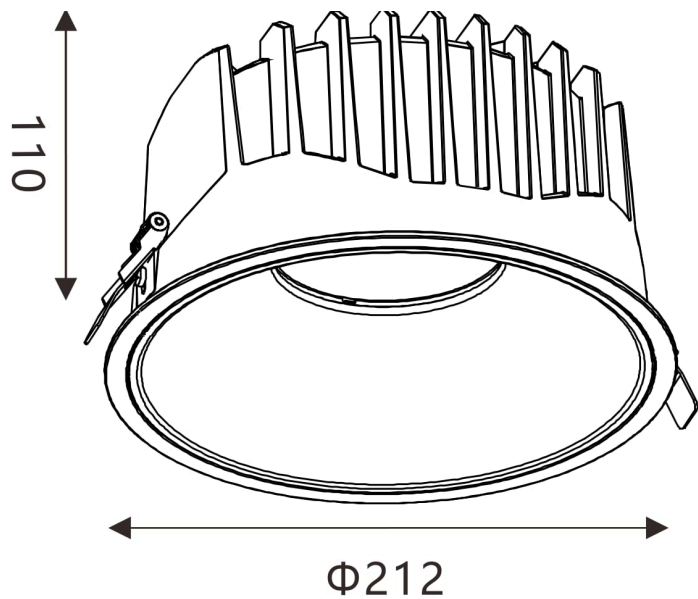
Recessed spotlight. 50 W. Three beam angles, 24° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø200 mm
- LED source: Citizen

Power 50 W	Luminous flux 4200–4300 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 24°, 36°, 55°	IP rating IP20
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
D3-4618	50 W	4200–4300 lm	97 CRI	Ø212 × 110 mm	Ø200 mm	24° 36° 55°

Finishes



Black



White

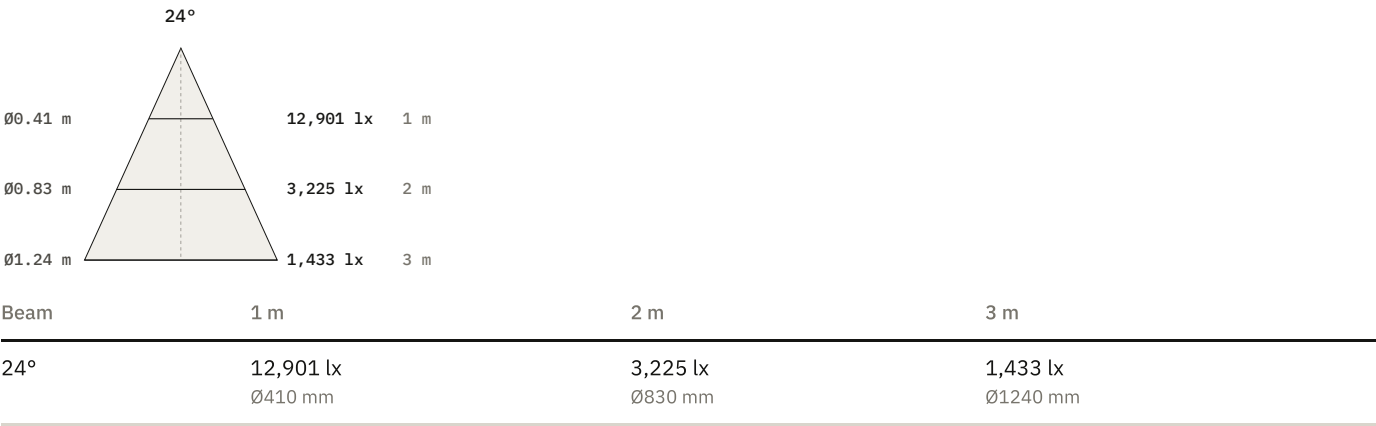


Grey

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.

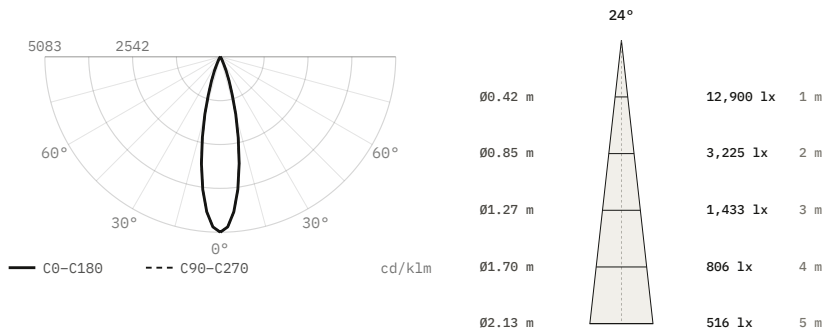
50 W



Photometry

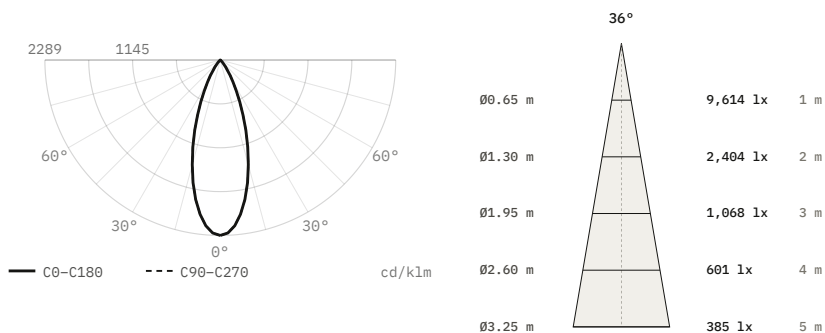
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4618, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4618, 50 W, 24° beam



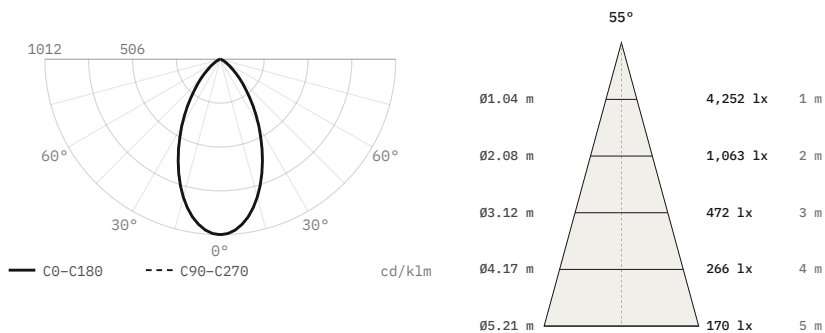
Luminous flux	2,538 lm
Efficacy	51 lm/W
Peak intensity	12,900 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø212 × 110 mm
Data	Calculated from catalogue data

D3-4618, 50 W, 36° beam



Luminous flux	4,200 lm
Efficacy	84 lm/W
Peak intensity	9,614 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	Ø212 × 110 mm
Data	Calculated from catalogue data

D3-4618, 50 W, 55° beam



Luminous flux	4,200 lm
Efficacy	84 lm/W
Peak intensity	4,252 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	Ø212 × 110 mm
Data	Calculated from catalogue data

