

Recessed

D3-4613H

Recessed spotlight

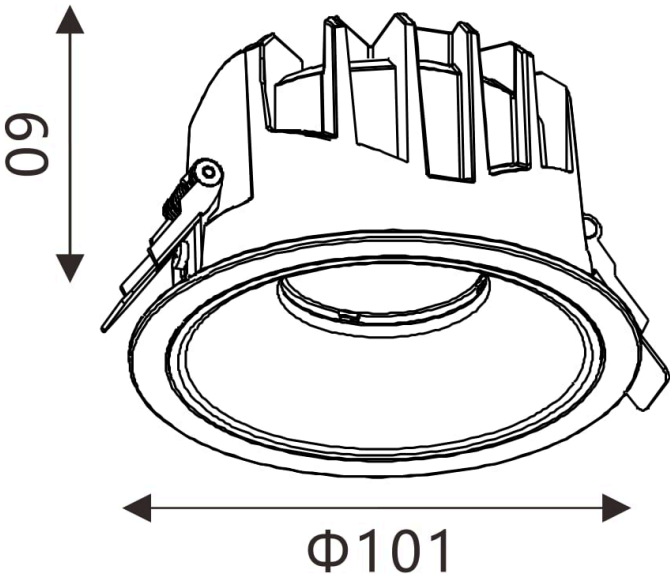


Recessed spotlight. 18 W. Four beam angles, 12° to 55°. 3000, 4000 K. 97 CRI.

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

Power 18 W	Luminous flux 1500–1600 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 12°, 24°, 36°, 55°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



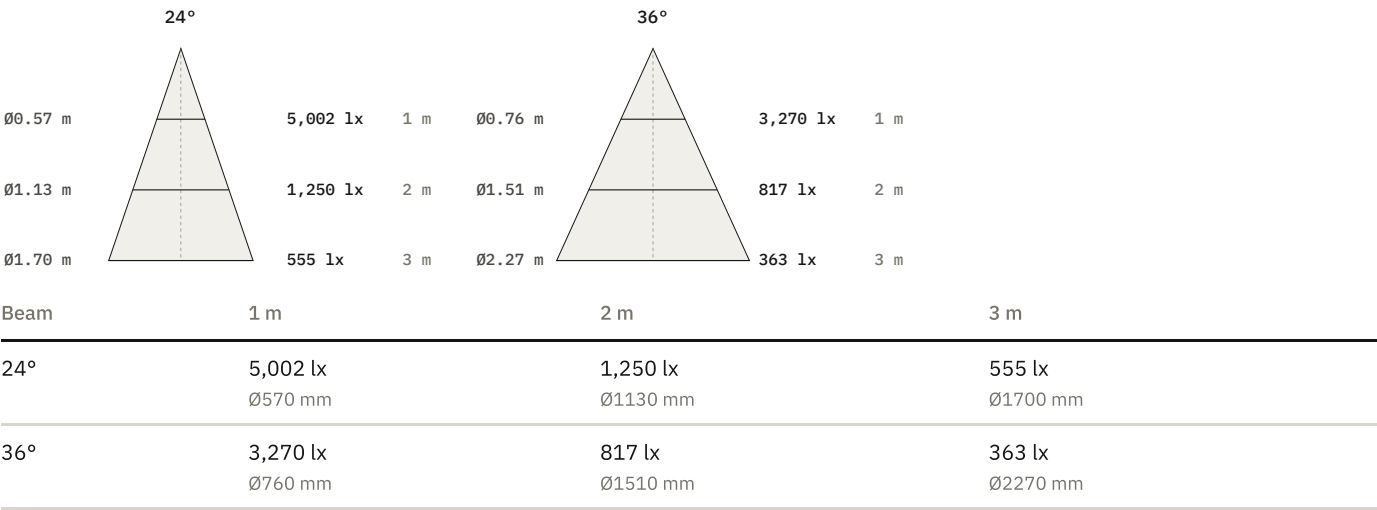
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
D3-4613H	18 W	1500–1600 lm	97 CRI	Ø101 × 60 mm	Ø90 mm	12° 24° 36° 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.

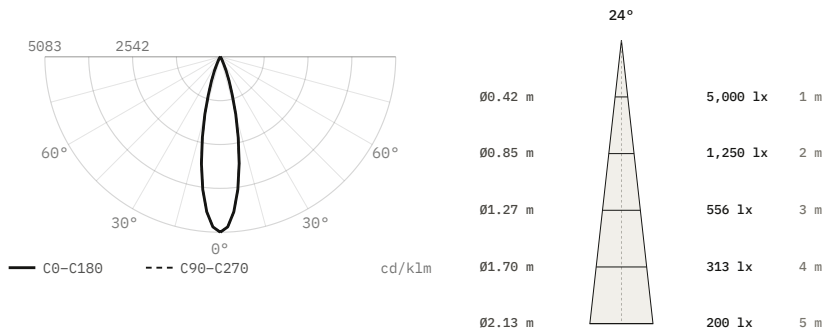
18 W



Photometry

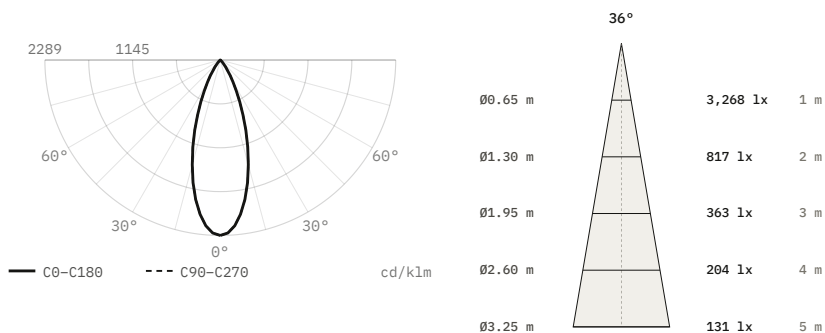
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4613H, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4613H, 18 W, 24° beam



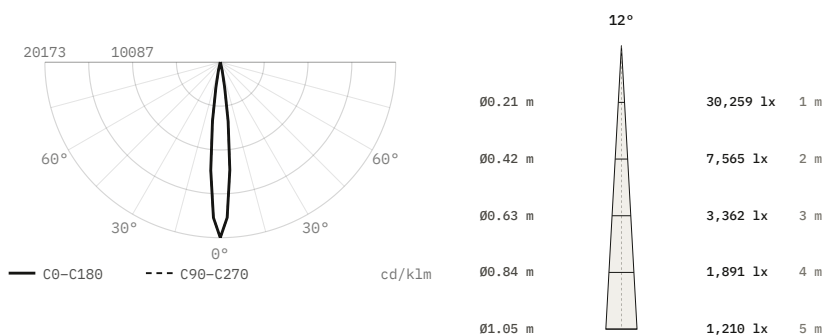
Luminous flux	984 lm
Efficacy	55 lm/W
Peak intensity	5,000 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø101 × 60 mm
Data	Calculated from catalogue data

D3-4613H, 18 W, 36° beam



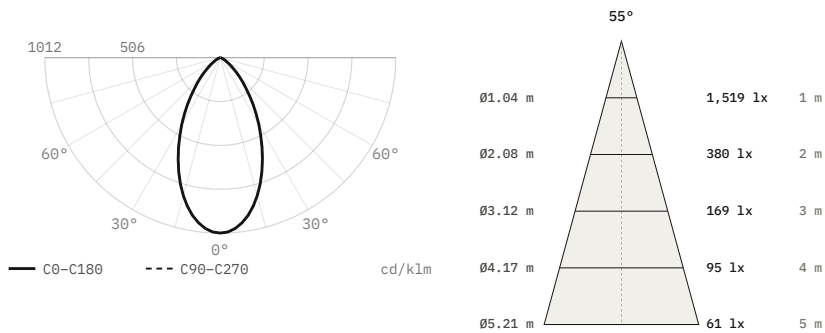
Luminous flux	1,428 lm
Efficacy	79 lm/W
Peak intensity	3,268 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø101 × 60 mm
Data	Calculated from catalogue data

D3-4613H, 18 W, 12° beam



Luminous flux	1,500 lm
Efficacy	83 lm/W
Peak intensity	30,259 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø101 × 60 mm
Data	Calculated from catalogue data

D3-4613H, 18 W, 55° beam



Luminous flux	1,500 lm
Efficacy	83 lm/W
Peak intensity	1,519 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	Ø101 × 60 mm
Data	Calculated from catalogue data