

Recessed

D3-4612H

Recessed spotlight

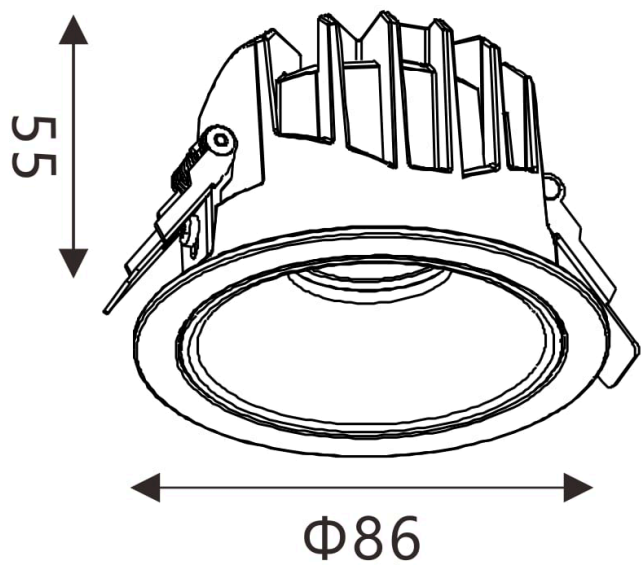


Recessed spotlight. 10 W. Four beam angles, 12° to 55°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø75 mm
- LED source: Citizen

Power 10 W	Luminous flux 900–1000 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 12°, 24°, 35°, 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
D3-4612H	10 W	900–1000 lm	97 CRI	Ø86 × 55 mm	Ø75 mm	12° 24° 35° 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.

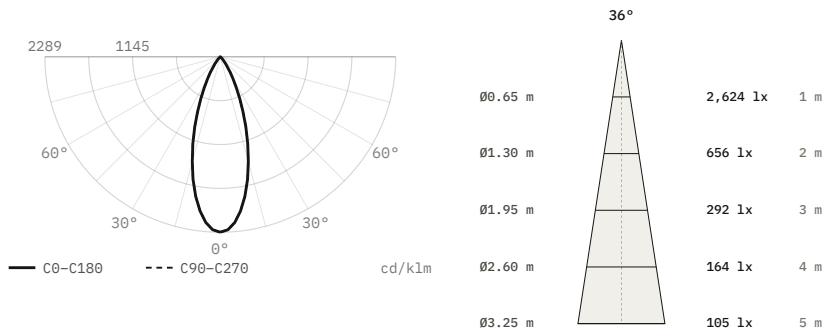
10 W

36°			60°		
Ø0.60 m	2,626 lx	1 m	Ø1.15 m	901 lx	1 m
Ø1.20 m	656 lx	2 m	Ø2.31 m	225 lx	2 m
Ø1.81 m	291 lx	3 m	Ø3.16 m	100 lx	3 m
Beam	1 m		2 m		3 m
36°	2,626 lx Ø600 mm		656 lx Ø1200 mm		291 lx Ø1810 mm
60°	901 lx Ø1150 mm		225 lx Ø2310 mm		100 lx Ø3160 mm

Photometry

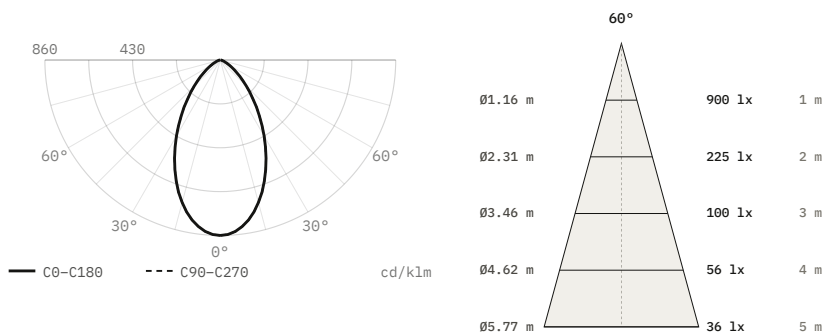
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for D3-4612H, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

D3-4612H, 10 W, 36° beam



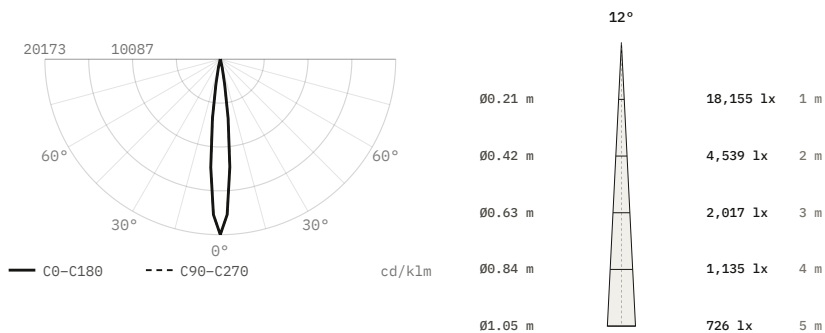
Luminous flux	1,146 lm
Efficacy	115 lm/W
Peak intensity	2,624 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø86 × 55 mm
Data	Calculated from catalogue data

D3-4612H, 10 W, 60° beam



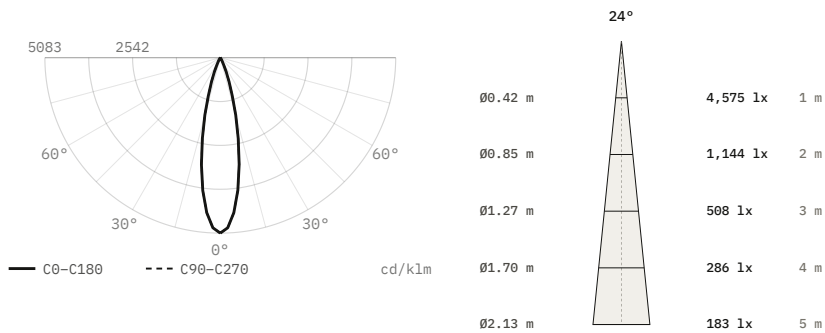
Luminous flux	1,046 lm
Efficacy	105 lm/W
Peak intensity	900 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	Ø86 × 55 mm
Data	Calculated from catalogue data

D3-4612H, 10 W, 12° beam



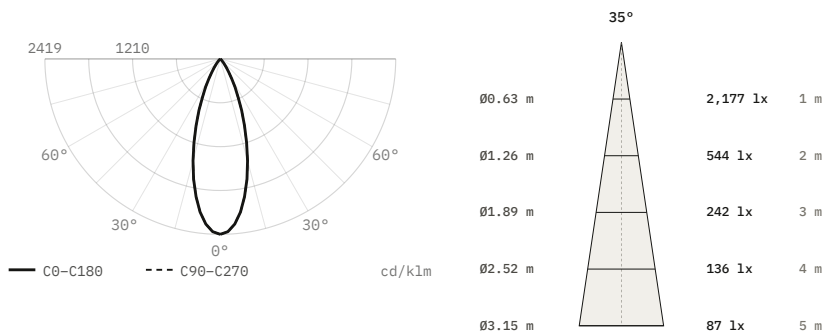
Luminous flux	900 lm
Efficacy	90 lm/W
Peak intensity	18,155 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø86 × 55 mm
Data	Calculated from catalogue data

D3-4612H, 10 W, 24° beam



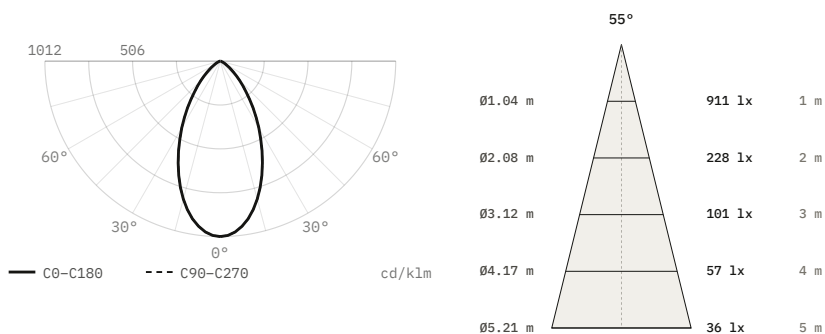
Luminous flux	900 lm
Efficacy	90 lm/W
Peak intensity	4,575 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø86 × 55 mm
Data	Calculated from catalogue data

D3-4612H, 10 W, 35° beam



Luminous flux	900 lm
Efficacy	90 lm/W
Peak intensity	2,177 cd, 2,419 cd/klm
Beam angle (50%)	35°
Field angle (10%)	63.8°
Cut-off angle (2.5%)	40°
Flux 0–30° / 30–60° / 60–90°	87.6 / 12.4 / 0 %
Size	Ø86 × 55 mm
Data	Calculated from catalogue data

D3-4612H, 10 W, 55° beam



Luminous flux	900 lm
Efficacy	90 lm/W
Peak intensity	911 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	Ø86 × 55 mm
Data	Calculated from catalogue data