

Surface

C3-1013

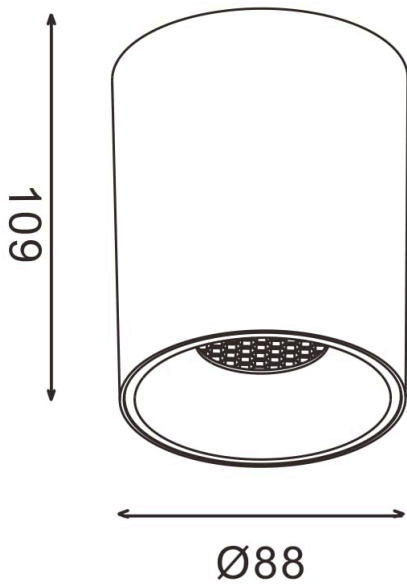
Surface luminaire



Surface luminaire. 18 W. Four beam angles, 12° to 55°. — LED source: Citizen
3000, 4000 K. 97 CRI.

Power 18 W	Luminous flux 1800–1900 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 Surface	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



Models

Code	Power	Flux	CRI	Size	Beam
C3-1013	18 W	1800–1900 lm	97 CRI	Ø88 x H109 mm	12° 24° 36° 55°

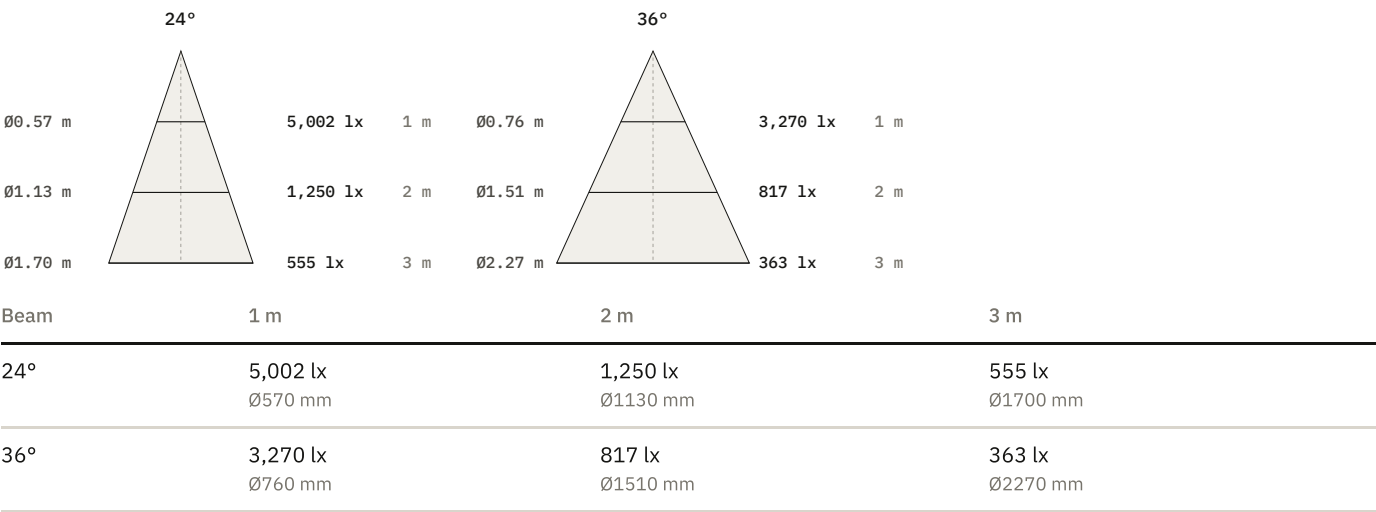
Finishes



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.

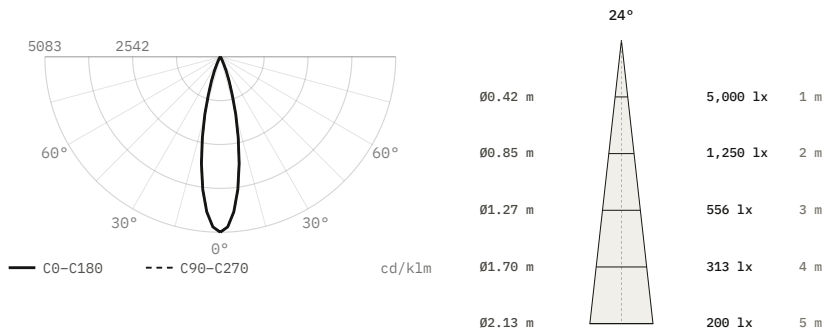
18 W



Photometry

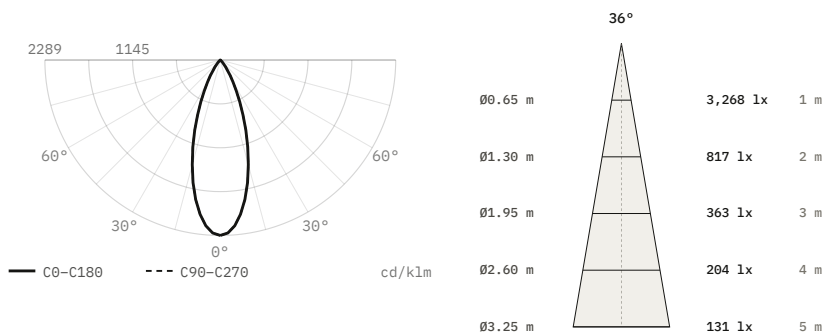
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for C3-1013, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

C3-1013, 18 W, 24° beam



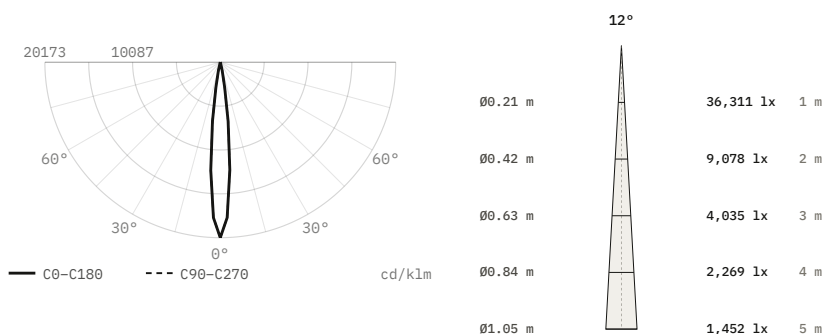
Luminous flux	984 lm
Efficacy	55 lm/W
Peak intensity	5,000 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø88 × 109 mm
Data	Calculated from catalogue data

C3-1013, 18 W, 36° beam



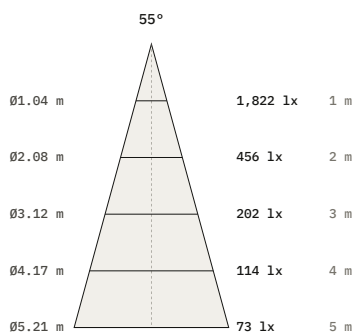
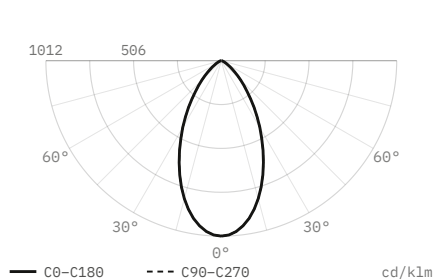
Luminous flux	1,428 lm
Efficacy	79 lm/W
Peak intensity	3,268 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø88 × 109 mm
Data	Calculated from catalogue data

C3-1013, 18 W, 12° beam



Luminous flux	1,800 lm
Efficacy	100 lm/W
Peak intensity	36,311 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	Ø88 × 109 mm
Data	Calculated from catalogue data

C3-1013, 18 W, 55° beam



Luminous flux	1,800 lm
Efficacy	100 lm/W
Peak intensity	1,822 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	Ø88 × 109 mm
Data	Calculated from catalogue data

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Technical data may change without notice.