

Surface

C3-1027

Surface luminaire

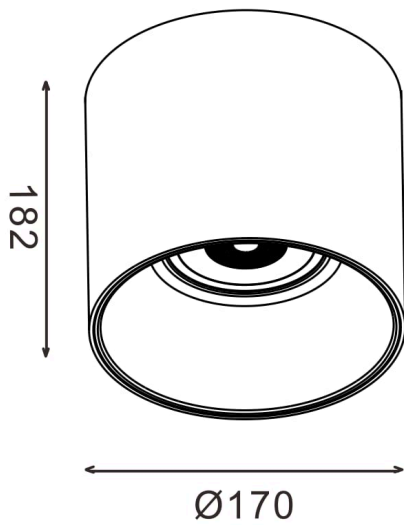


Surface luminaire. 50 W. Three beam angles, 27° to 60°. 3000, 4000 K. IP65. 97 CRI.

— LED source: Citizen

Power 50 W	Voltage 220–240 V AC	Luminous flux 3800–3900 lm
Colour temperature 3000 K, 4000 K	CRI 97 CRI	Beam angles 27°, 40°, 60°
IP rating IP65	Certifications CE, RoHS, EMC, LVD	Mounting Surface
Control On/Off, DALI, 0-10V, Triac, Casambi	Finishes White, Black, Grey	

Dimensions



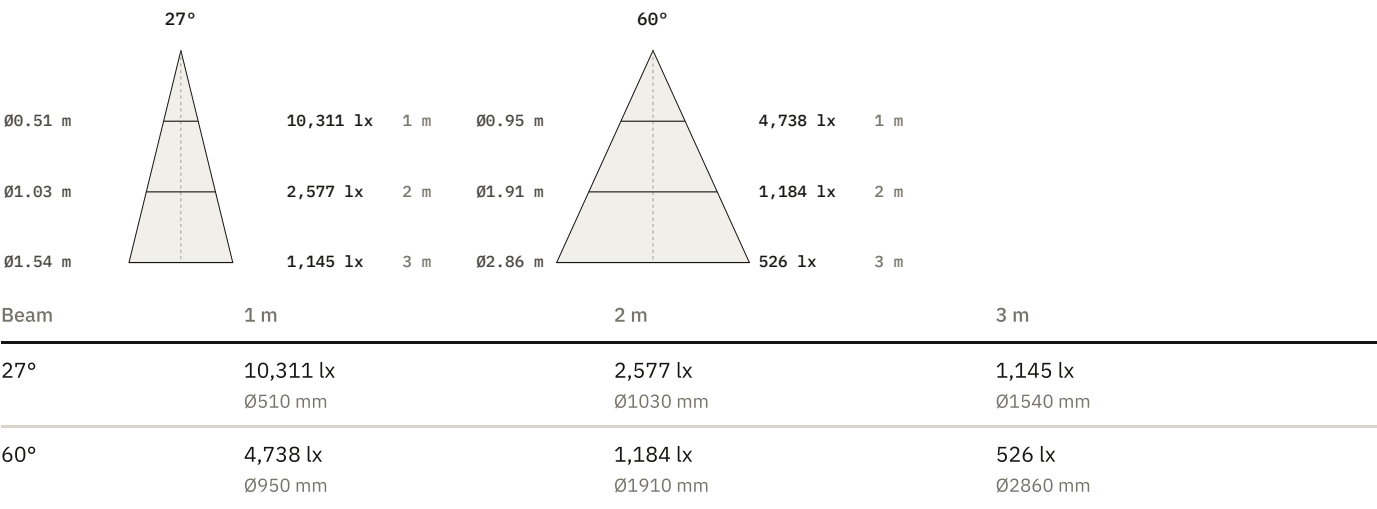
Models

Code	Power	Voltage	Flux	CRI	Size	Beam
C3-1027	50 W	220–240 V AC	3800–3900 lm	97 CRI	Ø170 x H182 mm	27° 40° 60°

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.

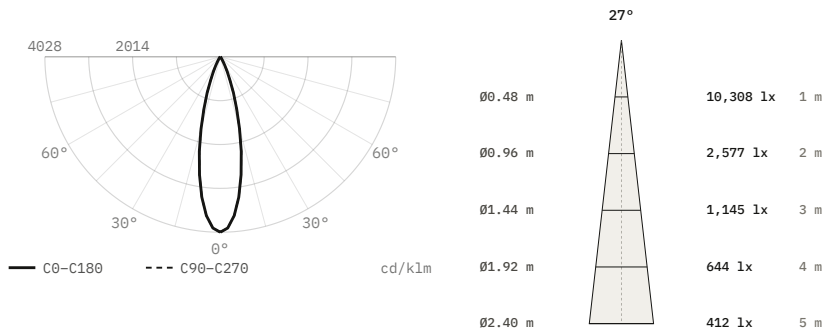
50 W



Photometry

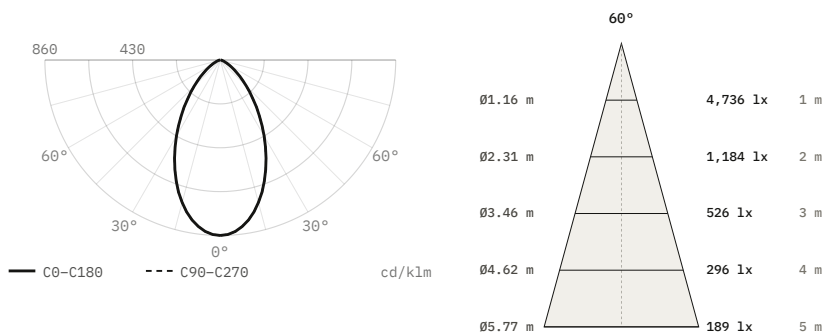
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for C3-1027, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

C3-1027, 50 W, 27° beam



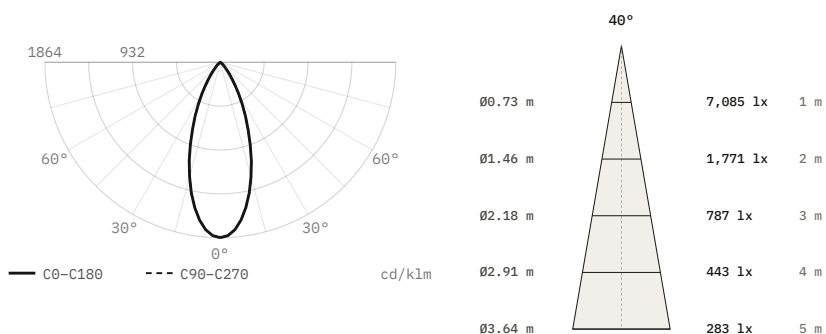
Luminous flux	2,559 lm
Efficacy	51 lm/W
Peak intensity	10,308 cd, 4,028 cd/klm
Beam angle (50%)	27°
Field angle (10%)	49.2°
Cut-off angle (2.5%)	31°
Flux 0–30° / 30–60° / 60–90°	96.9 / 3.1 / 0 %
Size	Ø170 × 182 mm
Data	Calculated from catalogue data

C3-1027, 50 W, 60° beam



Luminous flux	5,505 lm
Efficacy	110 lm/W
Peak intensity	4,736 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	Ø170 × 182 mm
Data	Calculated from catalogue data

C3-1027, 50 W, 40° beam



Luminous flux	3,800 lm
Efficacy	76 lm/W
Peak intensity	7,085 cd, 1,864 cd/klm
Beam angle (50%)	40°
Field angle (10%)	72.9°
Cut-off angle (2.5%)	46°
Flux 0–30° / 30–60° / 60–90°	79.9 / 19.9 / 0.2 %
Size	Ø170 × 182 mm
Data	Calculated from catalogue data

