

Surface

C3-1600

Surface luminaire

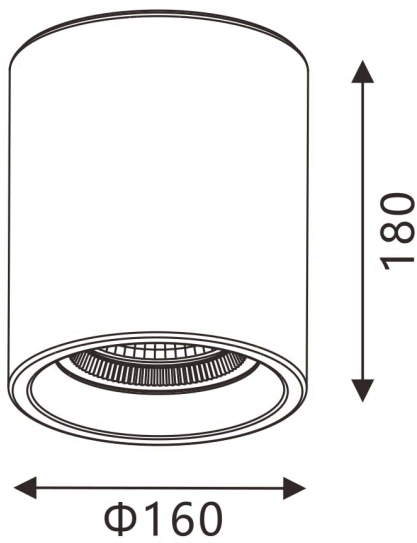


Surface luminaire. 20 W. Four beam angles, 15° to 55°. — LED source: Citizen
3000, 4000 K. 97 CRI.

Power 20 W	Luminous flux 1900–2000 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 30°, 40°, 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
C3-1600	20 W	1900–2000 lm	97 CRI	Ø160 x H180 mm	15° 30° 40° 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.

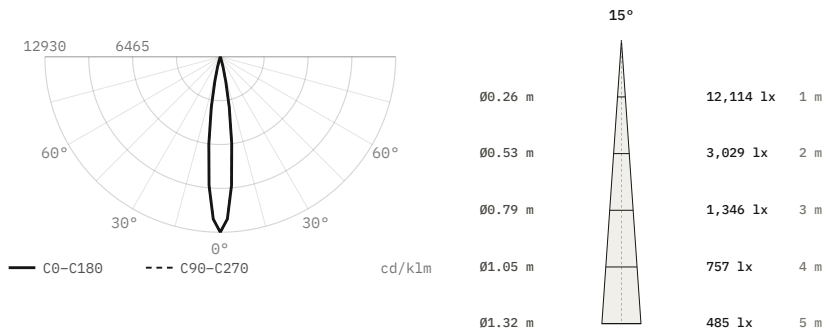
20 W

15°			30°		
Ø0.27 m	12,115 lx	1 m	Ø0.42 m	7,469 lx	1 m
Ø0.54 m	3,028 lx	2 m	Ø0.85 m	1,867 lx	2 m
Ø0.81 m	1,346 lx	3 m	Ø1.27 m	829 lx	3 m
Beam	1 m		2 m		3 m
15°	12,115 lx Ø270 mm		3,028 lx Ø540 mm		1,346 lx Ø810 mm
30°	7,469 lx Ø420 mm		1,867 lx Ø850 mm		829 lx Ø1270 mm

Photometry

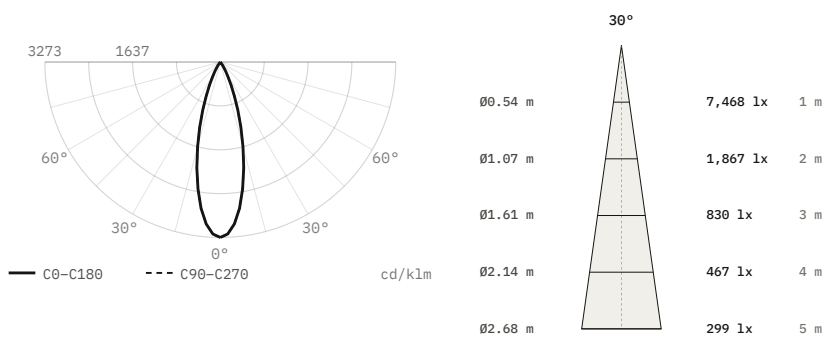
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for C3-1600, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

C3-1600, 20 W, 15° beam



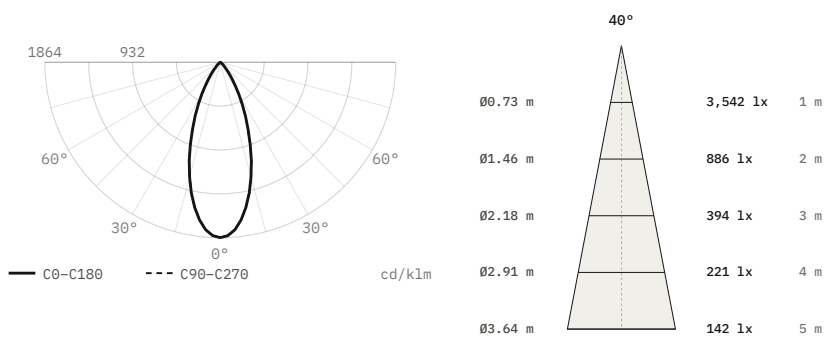
Luminous flux	937 lm
Efficacy	47 lm/W
Peak intensity	12,114 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø160 × 180 mm
Data	Calculated from catalogue data

C3-1600, 20 W, 30° beam



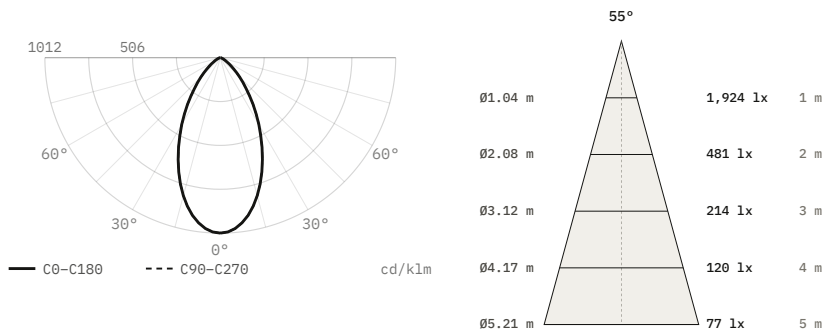
Luminous flux	2,282 lm
Efficacy	114 lm/W
Peak intensity	7,468 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	Ø160 × 180 mm
Data	Calculated from catalogue data

C3-1600, 20 W, 40° beam



Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	3,542 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	Ø160 × 180 mm
Data	Calculated from catalogue data

C3-1600, 20 W, 55° beam



Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	1,924 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	Ø160 × 180 mm
Data	Calculated from catalogue data