

Linear

C3-1112

Linear luminaire

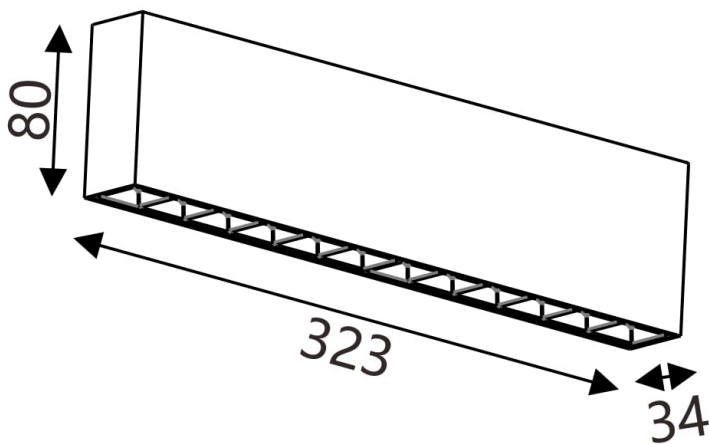


Linear luminaire. 20 W. Four beam angles, 12° to 50°. 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 20 W	Luminous flux 1900–2000 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 12°, 24°, 36°, 50°	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
C3-1112	20 W	1900–2000 lm	97 CRI	L323 x W34 x H80 mm	12° 24° 36° 50°

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.

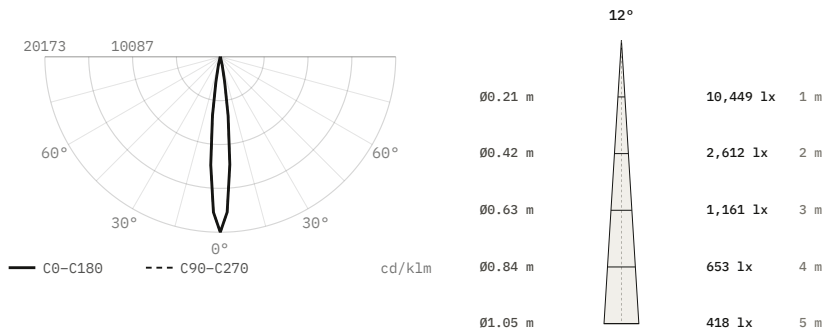
20 W

12°			34°			48°		
Ø0.34 m	10,454 lx	1 m	Ø0.71 m	3,739 lx	1 m	Ø0.88 m	2,617 lx	1 m
Ø0.68 m	2,163 lx	2 m	Ø1.43 m	934 lx	2 m	Ø1.75 m	654 lx	2 m
Ø1.02 m	1,161 lx	3 m	Ø2.14 m	415 lx	3 m	Ø2.63 m	290 lx	3 m
Beam	1 m		2 m			3 m		
12°	10,454 lx Ø340 mm		2,163 lx Ø680 mm			1,161 lx Ø1020 mm		
34°	3,739 lx Ø710 mm		934 lx Ø1430 mm			415 lx Ø2140 mm		
48°	2,617 lx Ø880 mm		654 lx Ø1750 mm			290 lx Ø2630 mm		

Photometry

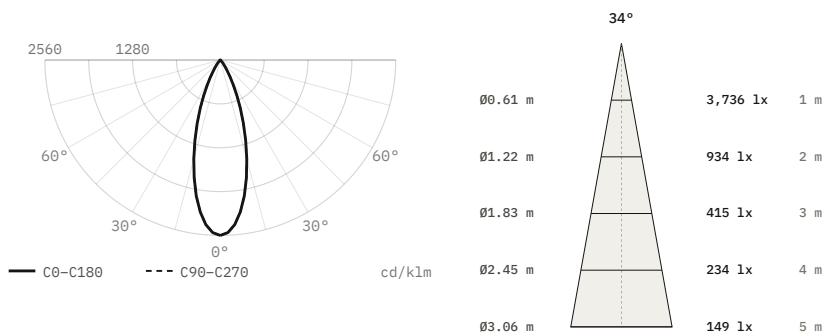
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for C3-1112, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

C3-1112, 20 W, 12° beam



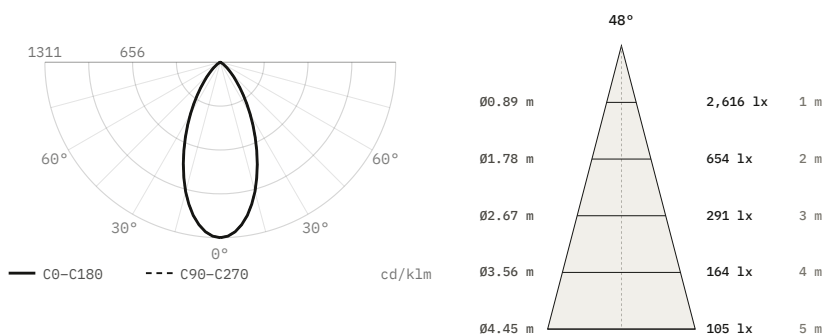
Luminous flux	518 lm
Efficacy	26 lm/W
Peak intensity	10,449 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	323 × 34 × 80 mm
Data	Calculated from catalogue data

C3-1112, 20 W, 34° beam



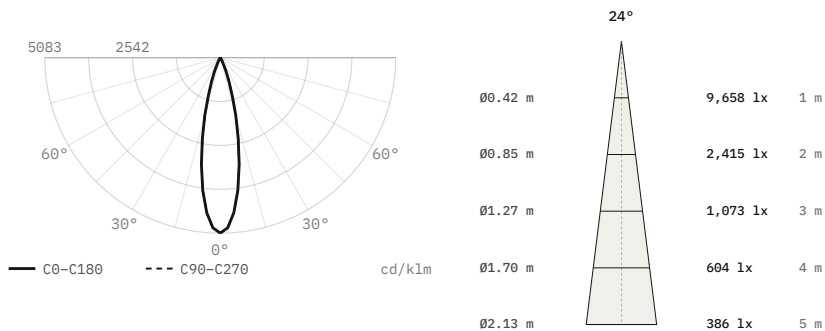
Luminous flux	1,460 lm
Efficacy	73 lm/W
Peak intensity	3,736 cd, 2,560 cd/klm
Beam angle (50%)	34°
Field angle (10%)	62°
Cut-off angle (2.5%)	39°
Flux 0–30° / 30–60° / 60–90°	89 / 11 / 0 %
Size	323 × 34 × 80 mm
Data	Calculated from catalogue data

C3-1112, 20 W, 48° beam



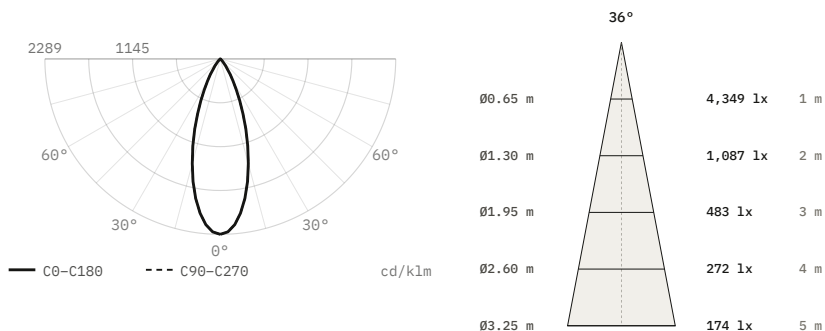
Luminous flux	1,995 lm
Efficacy	100 lm/W
Peak intensity	2,616 cd, 1,311 cd/klm
Beam angle (50%)	48°
Field angle (10%)	87.5°
Cut-off angle (2.5%)	55°
Flux 0–30° / 30–60° / 60–90°	67.7 / 31.2 / 1.1 %
Size	323 × 34 × 80 mm
Data	Calculated from catalogue data

C3-1112, 20 W, 24° beam



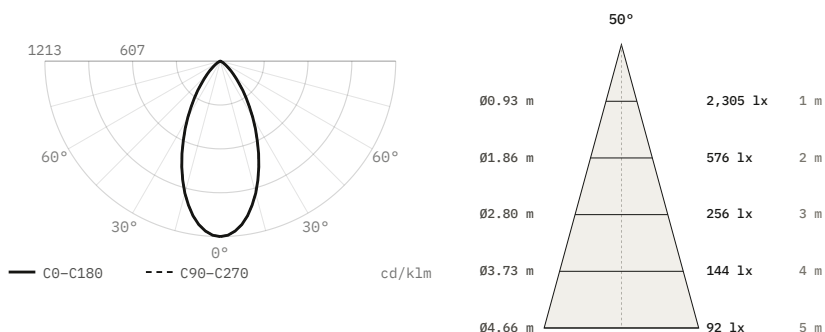
Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	9,658 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	323 × 34 × 80 mm
Data	Calculated from catalogue data

C3-1112, 20 W, 36° beam



Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	4,349 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	323 × 34 × 80 mm
Data	Calculated from catalogue data

C3-1112, 20 W, 50° beam



Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	2,305 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	323 × 34 × 80 mm
Data	Calculated from catalogue data