

Surface

Roll CH0081

Surface luminaire

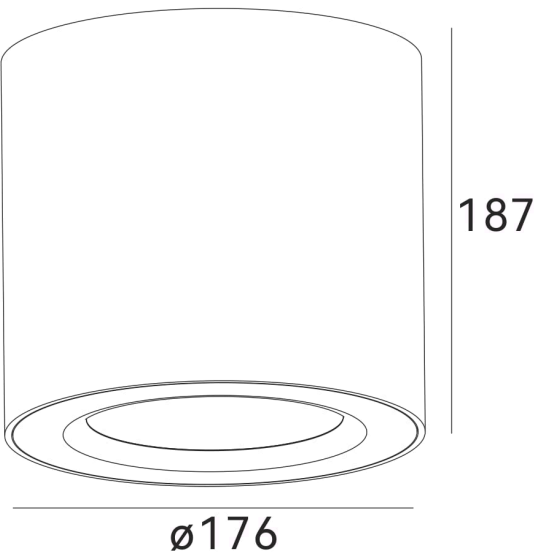


Surface luminaire. 30, 38 or 44 W. Three beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

— LED source: Citizen

Power 30 W, 38 W, 44 W	Voltage 230 V AC	Luminous flux 2600 lm, 3300 lm, 3900 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 30°, 50°
IP rating IP20	Certifications CE	Mounting Surface
Control Triac, DALI, 0-10V	Finishes Black	

Dimensions



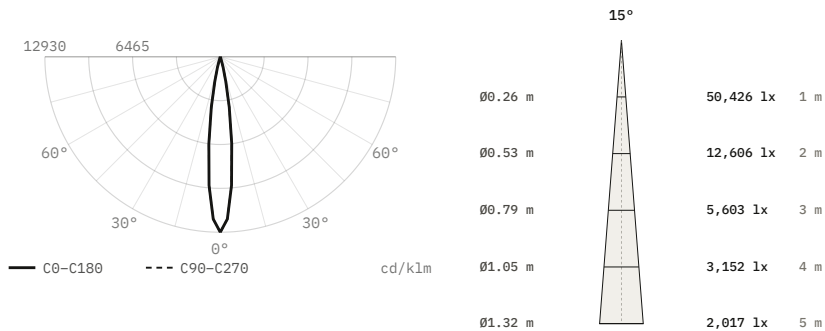
Models

Code	Power	Voltage	Flux	CRI	Size	Beam
CH0081	30 W	230 V AC	2600 lm	97 CRI	Ø176 × 187 mm	15° 30° 50°
CH0082	38 W	230 V AC	3300 lm	97 CRI	Ø176 × 187 mm	15° 30° 50°
CH0083	44 W	230 V AC	3900 lm	97 CRI	Ø176 × 187 mm	15° 30° 50°

Photometry

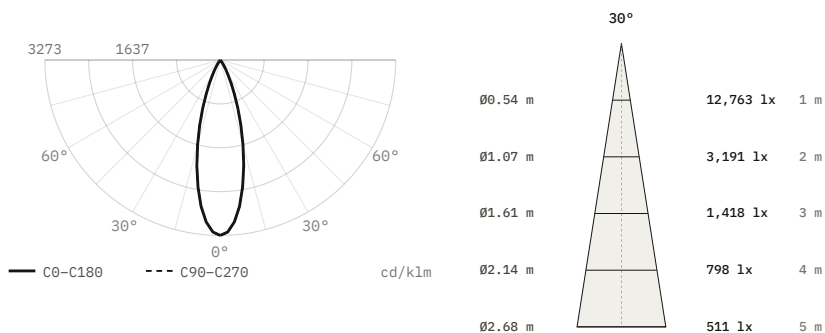
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0083, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

CH0083, 44 W, 15° beam



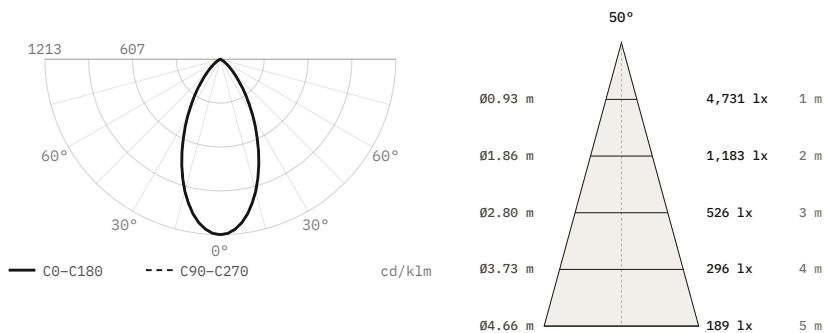
Luminous flux	3,900 lm
Efficacy	89 lm/W
Peak intensity	50,426 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø176 × 187 mm
Data	Calculated from catalogue data

CH0083, 44 W, 30° beam



Luminous flux	3,900 lm
Efficacy	89 lm/W
Peak intensity	12,763 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	Ø176 × 187 mm
Data	Calculated from catalogue data

CH0083, 44 W, 50° beam



Luminous flux	3,900 lm
Efficacy	89 lm/W
Peak intensity	4,731 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	Ø176 × 187 mm
Data	Calculated from catalogue data

