

Surface

Robo CH0279

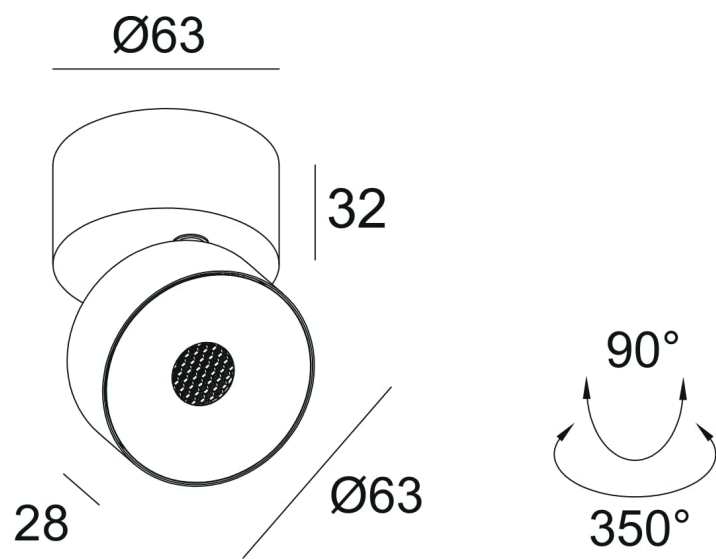
Surface luminaire



Surface luminaire. 8 W. Four beam angles, 15° to 50°. — LED source: Citizen
2700, 3000, 4000 K. 97 CRI.

Power 8 W	Voltage 230 V AC	Luminous flux 760 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°
IP rating IP20	Certifications CE	Mounting Surface
Finishes White		

Dimensions



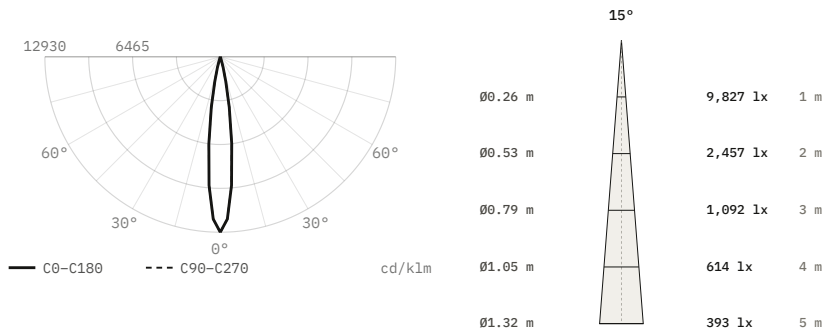
Models

Code	Power	Voltage	Flux	CRI	Size	Beam
CH0279	8 W	230 V AC	760 lm	97 CRI	Ø63, body H32 + head 28 mm	15° 24° 36° 50°

Photometry

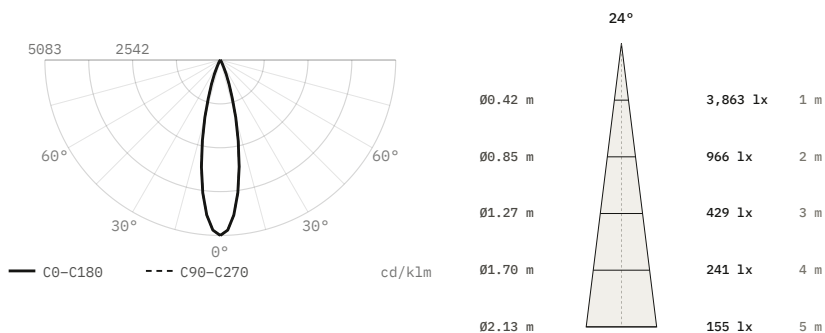
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0279, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

CH0279, 8 W, 15° beam



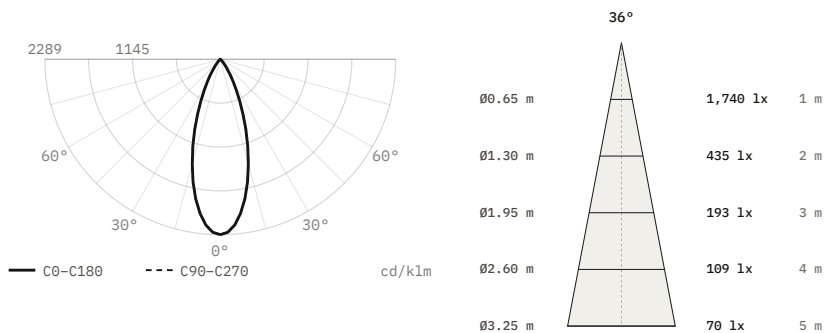
Luminous flux	760 lm
Efficacy	95 lm/W
Peak intensity	9,827 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø63 × 32 mm
Data	Calculated from catalogue data

CH0279, 8 W, 24° beam



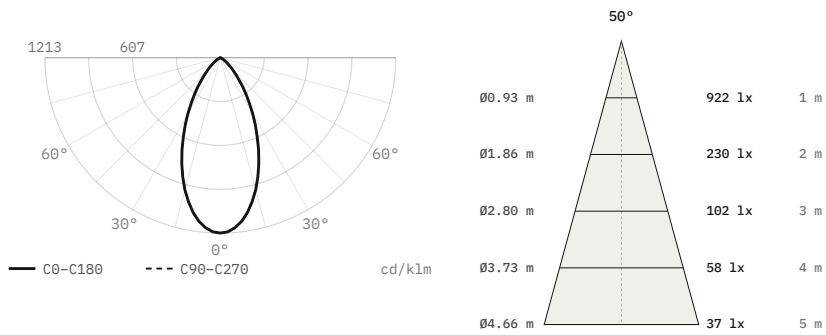
Luminous flux	760 lm
Efficacy	95 lm/W
Peak intensity	3,863 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø63 × 32 mm
Data	Calculated from catalogue data

CH0279, 8 W, 36° beam



Luminous flux	760 lm
Efficacy	95 lm/W
Peak intensity	1,740 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	Ø63 × 32 mm
Data	Calculated from catalogue data

CH0279, 8 W, 50° beam



Luminous flux	760 lm
Efficacy	95 lm/W
Peak intensity	922 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	Ø63 × 32 mm
Data	Calculated from catalogue data