

Surface

Robo CH0220

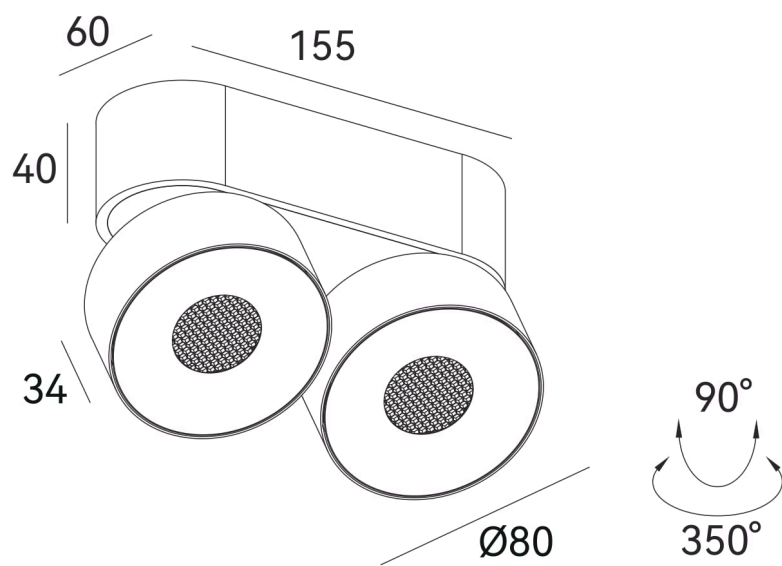
Surface luminaire



Surface luminaire. 20 W. Four beam angles, 15° to 60°. — LED source: Citizen
2700, 3000, 4000 K. 97 CRI.

Power 20 W	Voltage 230 V AC	Luminous flux 960 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 35°, 60°
IP rating IP20	Certifications CE	Mounting Surface
Finishes White		

Dimensions



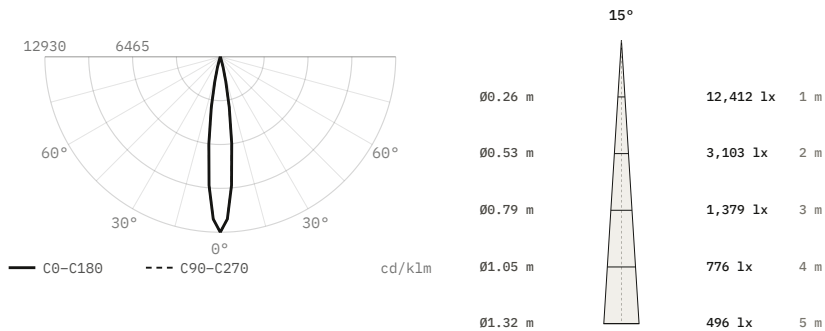
Models

Code	Power	Voltage	Flux	CRI	Size	Beam
CH0220	20 W	230 V AC	960 lm	97 CRI	155 × 60 x H40 mm, 2 heads Ø80 × 34	15° 24° 35° 60°

Photometry

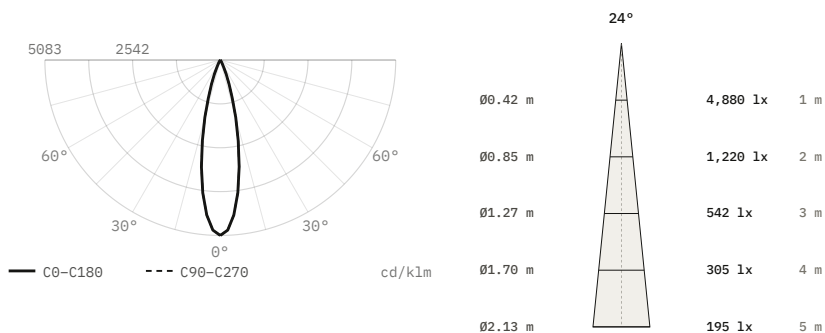
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0220, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

CH0220, 20 W, 15° beam



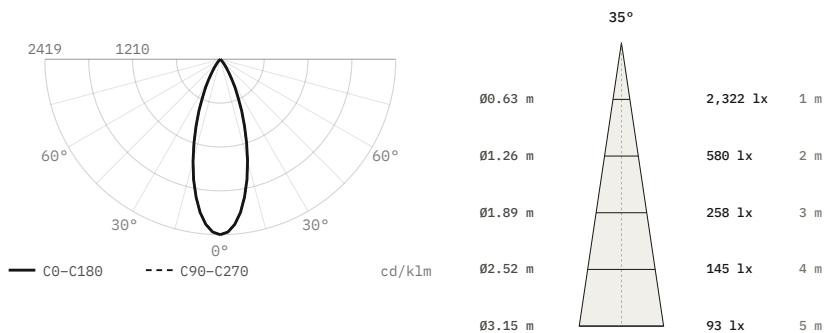
Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø80 × 40 mm
Data	Calculated from catalogue data

CH0220, 20 W, 24° beam



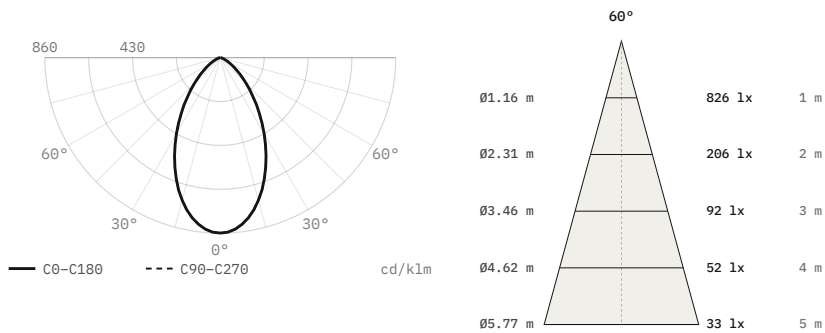
Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø80 × 40 mm
Data	Calculated from catalogue data

CH0220, 20 W, 35° beam



Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	2,322 cd, 2,419 cd/klm
Beam angle (50%)	35°
Field angle (10%)	63.8°
Cut-off angle (2.5%)	40°
Flux 0–30° / 30–60° / 60–90°	87.6 / 12.4 / 0 %
Size	Ø80 × 40 mm
Data	Calculated from catalogue data

CH0220, 20 W, 60° beam



Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	826 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	Ø80 × 40 mm
Data	Calculated from catalogue data

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Technical data may change without notice.