Ceiling

Robo CH0220

Surface luminaire

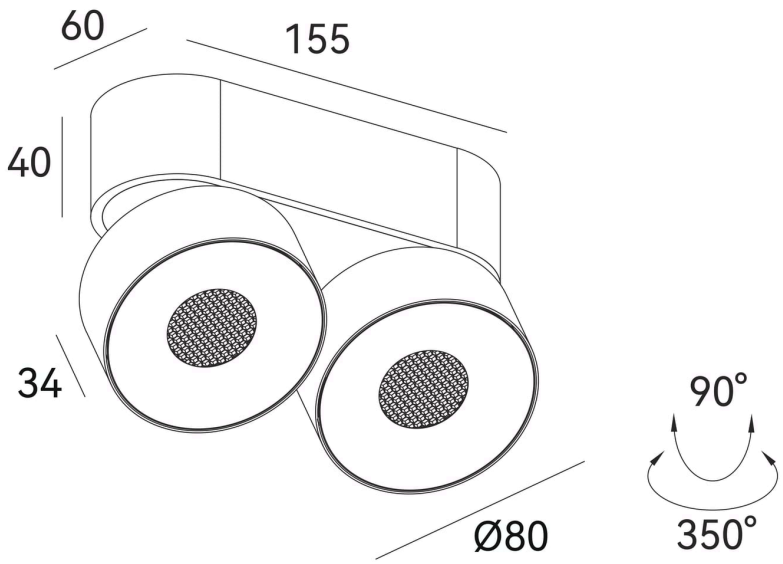


Surface luminaire. 20 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- LED source: Citizen

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



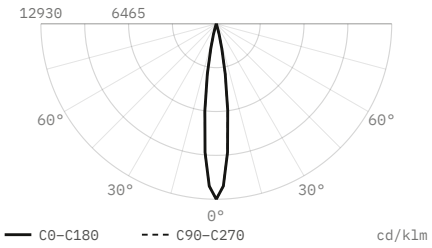
Models

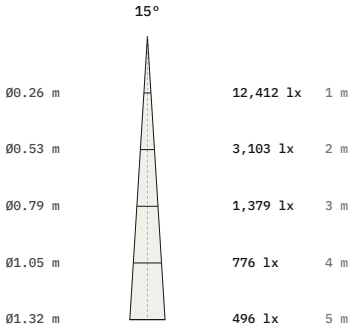
Code	Power	Voltage	Flux	CRI	Size	Beam
CH0220	20 W	230 V AC	960 lm	97 CRI	155 × 60 x H40 mm, 2 heads Ø80 × 34	15° 24° 35° 60°

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.

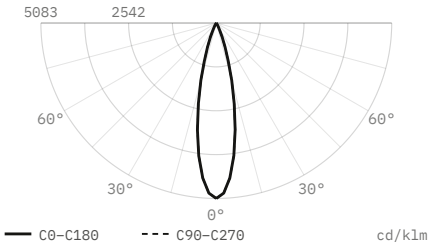
CH0220, 20 W, 15° beam

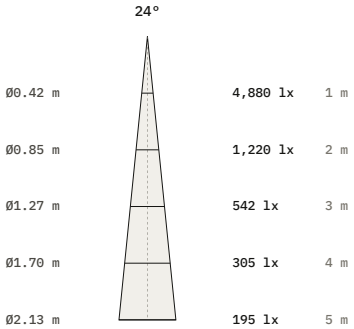




Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø80 × 40 mm
Data	Calculated from catalogue data

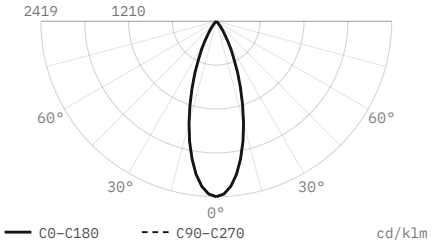
CH0220, 20 W, 24° beam

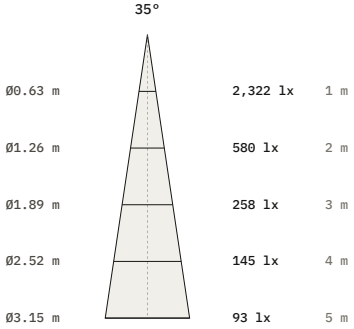




Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø80 × 40 mm
Data	Calculated from catalogue data

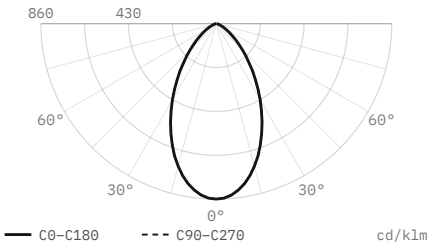
CH0220, 20 W, 35° beam

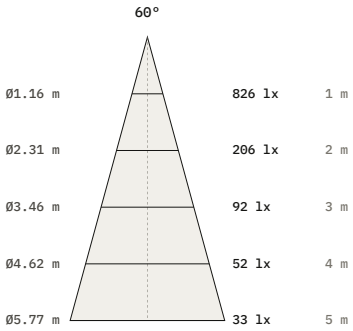




Luminous flux	960 lm
Efficacy	48 lm/W
Peak intensity	2,322 cd, 2,419 cd/klm
Beam angle (50%)	35°
Field angle (10%)	63.8°
Cut-off angle (2.5%)	40°
Flux 0–30° / 30–60° / 60–90°	87.6 / 12.4 / 0 %
Size	Ø80 × 40 mm
Data	Calculated from catalogue data

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.