

Surface

Robo CH0208

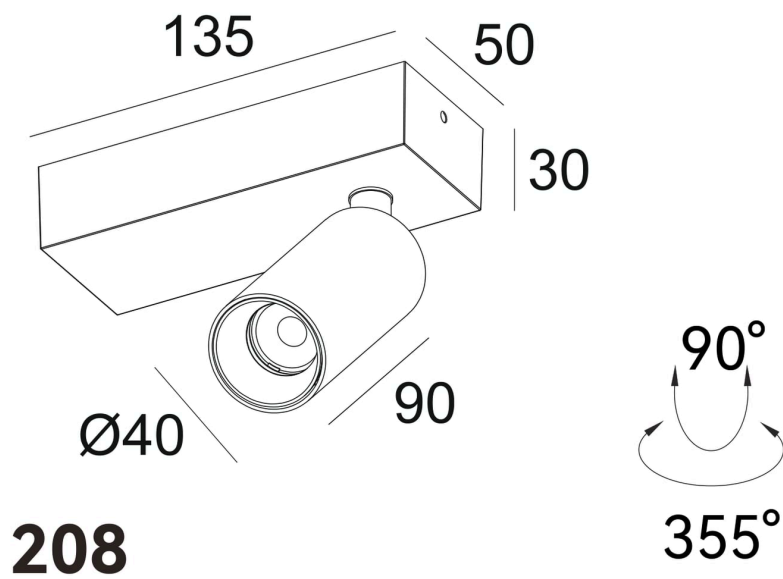
Surface luminaire



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 1300 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



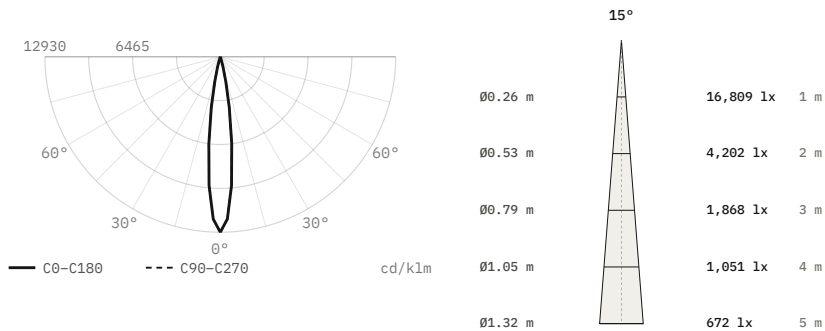
Models

Code	Power	Voltage	Flux	CRI	Size	Beam
CH0208	8 W	230 V AC	1300 lm	97 CRI	135 × 50 x H30 mm, head Ø40 x L90	15° 24° 36° 50°

Photometry

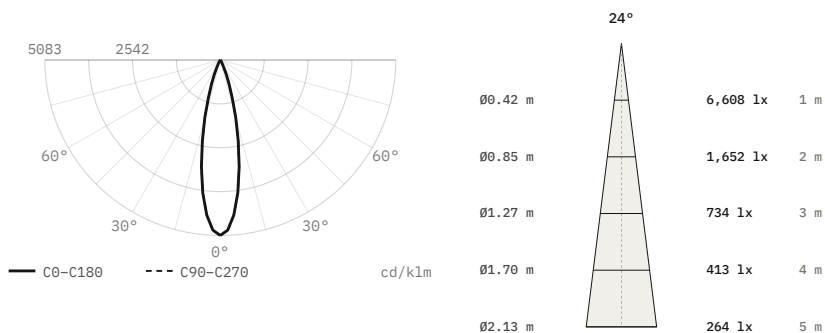
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0208, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

CH0208, 8 W, 15° beam



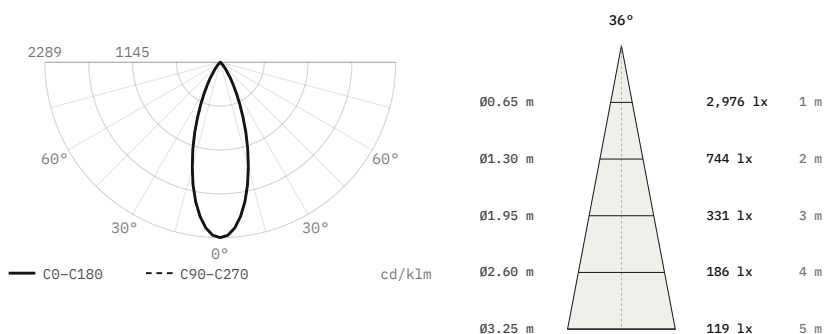
Luminous flux	1,300 lm
Efficacy	163 lm/W
Peak intensity	16,809 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø40 × 30 mm
Data	Calculated from catalogue data

CH0208, 8 W, 24° beam



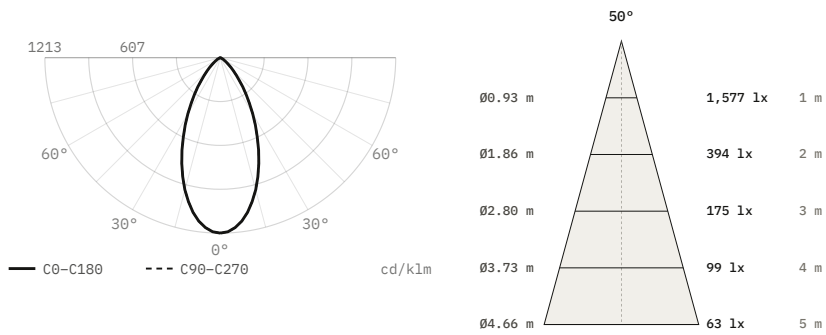
Luminous flux	1,300 lm
Efficacy	163 lm/W
Peak intensity	6,608 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø40 × 30 mm
Data	Calculated from catalogue data

CH0208, 8 W, 36° beam



Luminous flux	1,300 lm
Efficacy	163 lm/W
Peak intensity	2,976 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	Ø40 × 30 mm
Data	Calculated from catalogue data

CH0208, 8 W, 50° beam



Luminous flux	1,300 lm
Efficacy	163 lm/W
Peak intensity	1,577 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	Ø40 × 30 mm
Data	Calculated from catalogue data

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Technical data may change without notice.