Downlights

Robo CH0234

Recessed spotlight

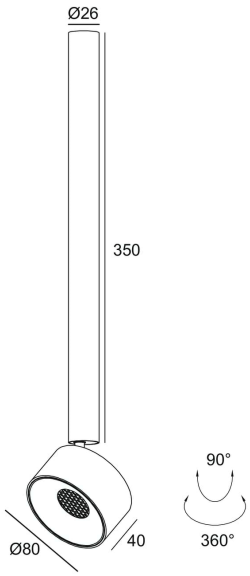


Recessed spotlight. 10 W. Four beam angles, 15° to 60°. 2700, 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **10 W**	Voltage **max 37 V**	Luminous flux **960 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°, 60°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **Black**		

Dimensions



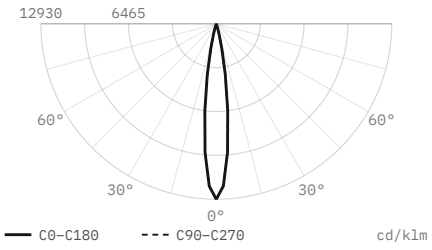
Models

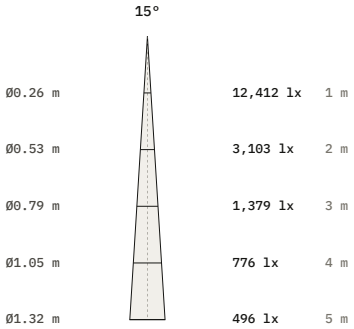
Code	Version	Power	Voltage	Flux	CRI	Size	Beam	Notes
CH0234	350 mm tube	10 W	max 37 V	960 lm	97 CRI	Tube Ø26 × 350 mm; head Ø80 × 40 mm	15° 24° 36° 60°	250 mA
CH0235	450 mm tube	10 W	max 37 V	960 lm	97 CRI	Tube Ø26 × 450 mm; head Ø80 × 40 mm	15° 24° 36° 60°	250 mA
CH0236	550 mm tube	10 W	max 37 V	960 lm	97 CRI	Tube Ø26 × 550 mm; head Ø80 × 40 mm	15° 24° 36° 60°	250 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0234, 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.

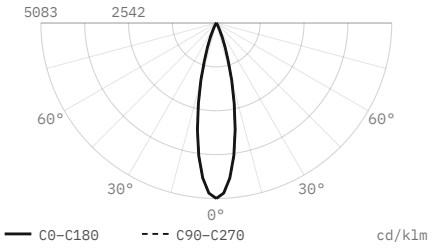
CH0234, 10 W, 15° beam

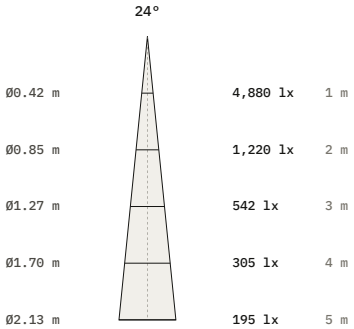




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	12,412 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø26 × 350 mm
Data	Calculated from catalogue data

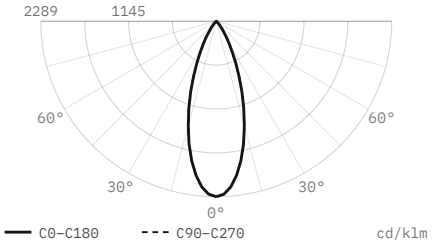
CH0234, 10 W, 24° beam

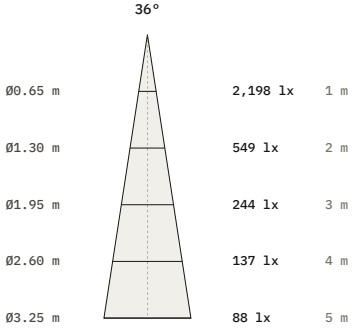




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	4,880 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø26 × 350 mm
Data	Calculated from catalogue data

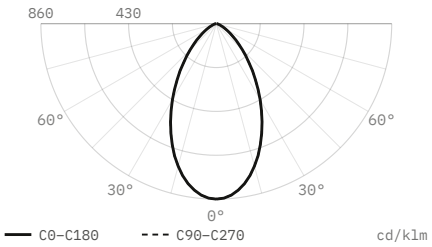
CH0234, 10 W, 36° beam

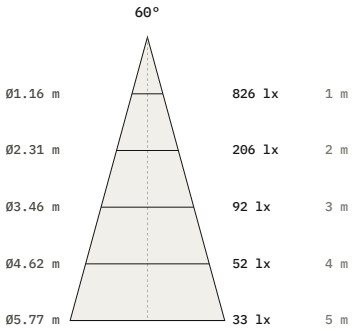




Luminous flux	960 lm
Efficacy	96 lm/W
Peak intensity	2,198 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø26 × 350 mm
Data	Calculated from catalogue data

CH0234, 10 W, 60° beam





Luminous flux	960 lm
Efficacy	96 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	Ø26 × 350 mm
Data	Calculated from catalogue data

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Technical data may change without notice.