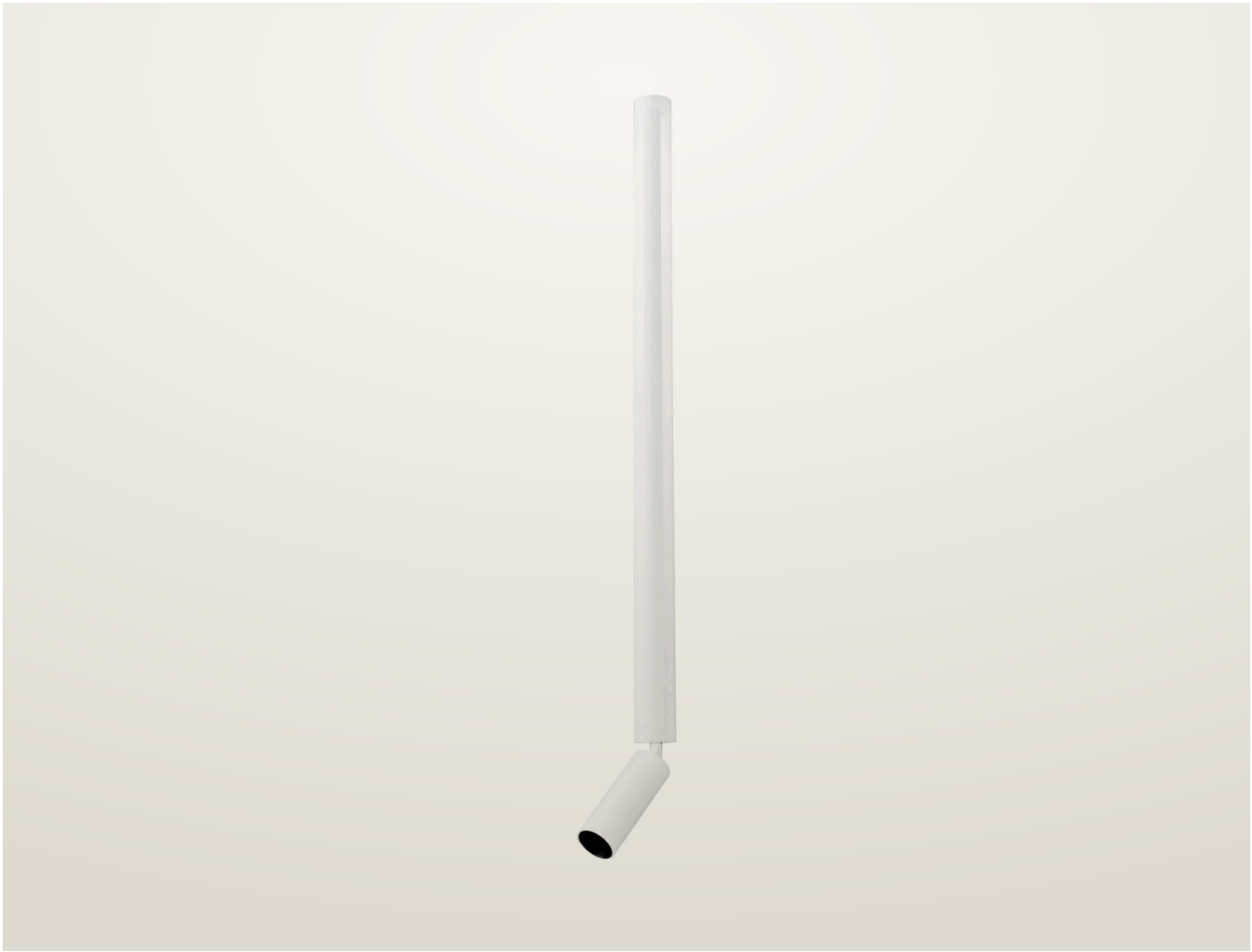
Downlights

Robo CH0228

Recessed spotlight

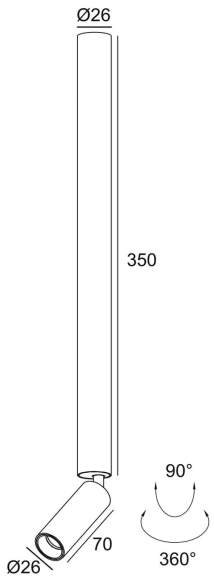


Recessed spotlight. 5 W. Three beam angles, 15° to 36°. 2700, 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **5 W**	Voltage **max 19 V**	Luminous flux **450 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **Black**		

Dimensions



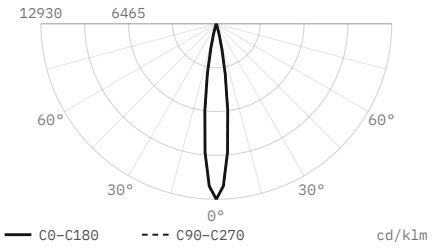
Models

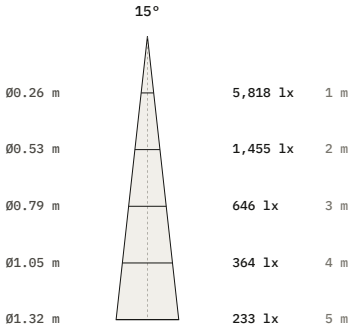
Code	Version	Power	Voltage	Flux	CRI	Size	Beam	Notes
CH0228	350 mm tube	5 W	max 19 V	450 lm	97 CRI	Tube Ø26 × 350 mm; head Ø26 × 70 mm	15° 24° 36°	250 mA
CH0229	450 mm tube	5 W	max 19 V	450 lm	97 CRI	Tube Ø26 × 450 mm; head Ø26 × 70 mm	15° 24° 36°	250 mA
CH0230	550 mm tube	5 W	max 19 V	450 lm	97 CRI	Tube Ø26 × 550 mm; head Ø26 × 70 mm	15° 24° 36°	250 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0228, 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.

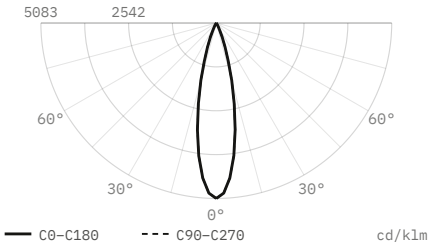
CH0228, 5 W, 15° beam

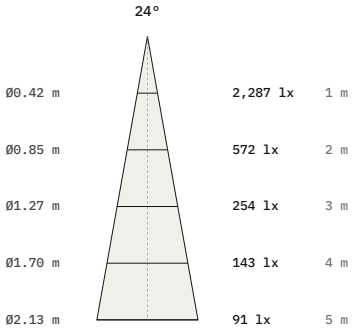




Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	5,818 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø26 × 350 mm
Data	Calculated from catalogue data

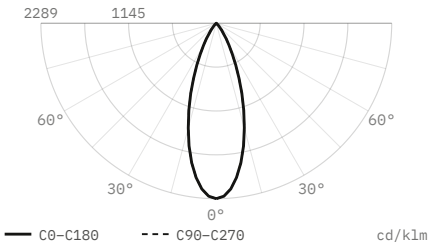
CH0228, 5 W, 24° beam

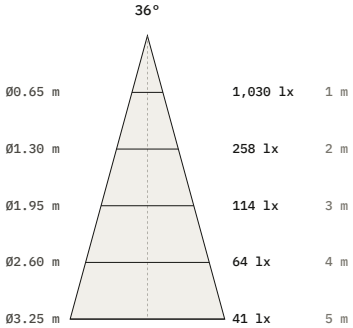




Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	2,287 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø26 × 350 mm
Data	Calculated from catalogue data

CH0228, 5 W, 36° beam





Luminous flux	450 lm
Efficacy	90 lm/W
Peak intensity	1,030 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

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.