Linear

Robo CH0103

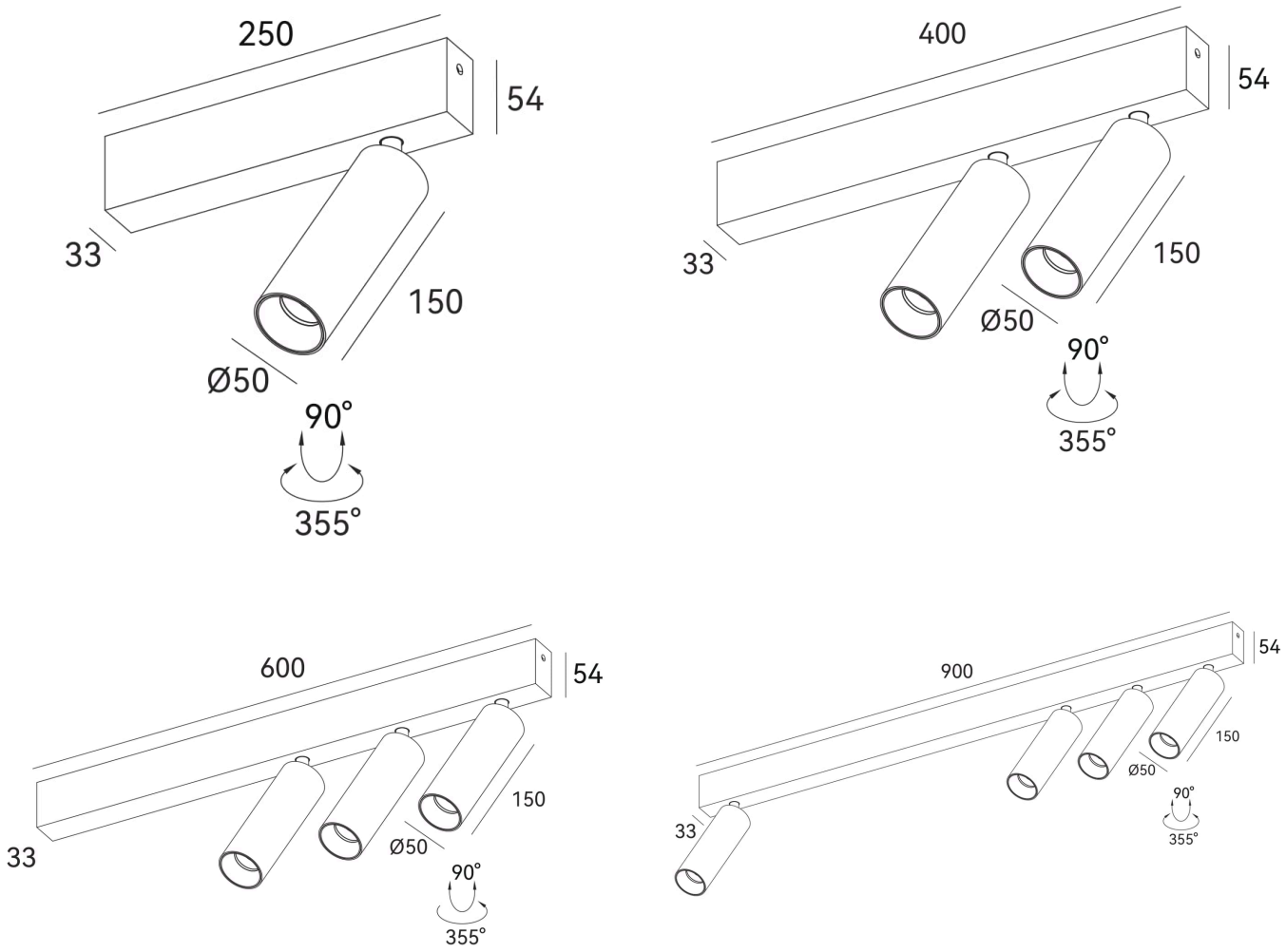
Linear luminaire

Linear luminaire. 15, 30, 45 or 60 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- LED source: Citizen

Power **15 W, 30 W, 45 W, 60 W**	Voltage **230 V AC**	Luminous flux **1300–5200 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**
Control **DALI**	Finishes **Black**	

Dimensions



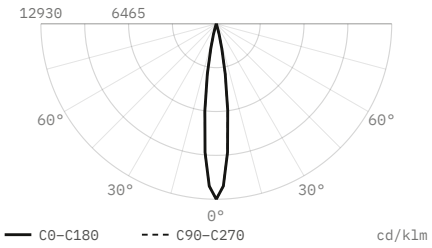
Models

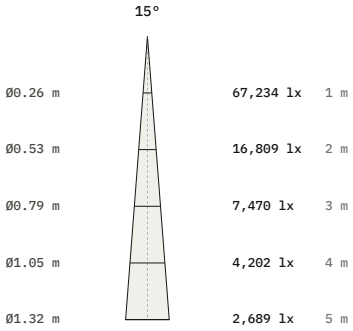
Code	Power	Voltage	Flux	CRI	Size	Beam
CH0103	15 W	230 V AC	1300 lm	97 CRI	L250 x W33 x H54 mm, 1 head Ø50 x L150	15° 24° 36° 50°
CH0104	30 W	230 V AC	2600 lm	97 CRI	L400 x W33 x H54 mm, 2 heads Ø50 x L150	15° 24° 36° 50°
CH0105	45 W	230 V AC	3900 lm	97 CRI	L600 x W33 x H54 mm, 3 heads Ø50 x L150	15° 24° 36° 50°
CH0106	60 W	230 V AC	5200 lm	97 CRI	L900 x W33 x H54 mm, 4 heads Ø50 x L150	15° 24° 36° 50°

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0106, 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.

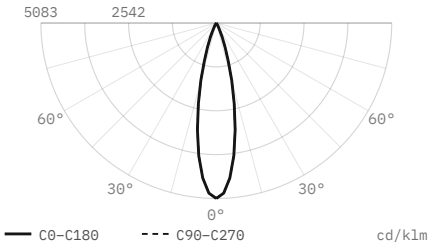
CH0106, 60 W, 15° beam

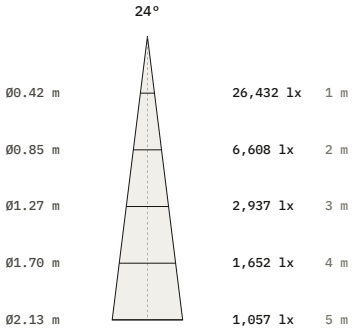




Luminous flux	5,200 lm
Efficacy	87 lm/W
Peak intensity	67,234 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø50 × 54 mm
Data	Calculated from catalogue data

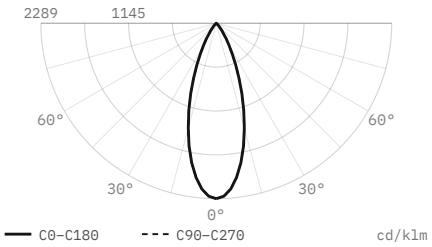
CH0106, 60 W, 24° beam

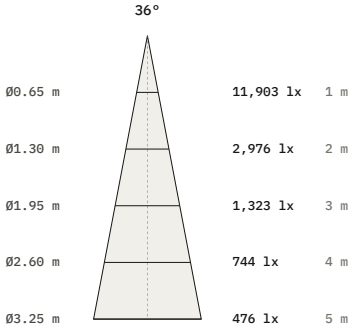




Luminous flux	5,200 lm
Efficacy	87 lm/W
Peak intensity	26,432 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø50 × 54 mm
Data	Calculated from catalogue data

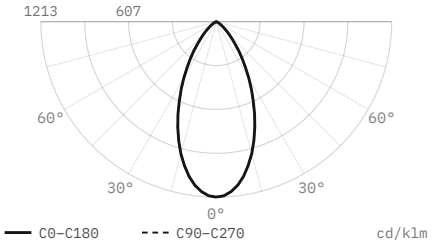
CH0106, 60 W, 36° beam

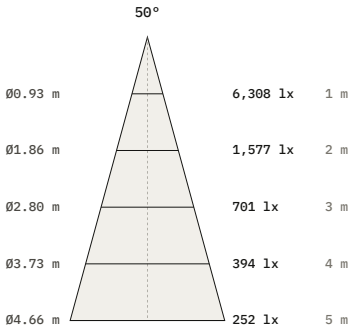




Luminous flux	5,200 lm
Efficacy	87 lm/W
Peak intensity	11,903 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø50 × 54 mm
Data	Calculated from catalogue data

CH0106, 60 W, 50° beam





Luminous flux	5,200 lm
Efficacy	87 lm/W
Peak intensity	6,308 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	Ø50 × 54 mm
Data	Calculated from catalogue data

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Technical data may change without notice.