Slim 10 mm system

ST-6045

Slim 10 mm spotlight

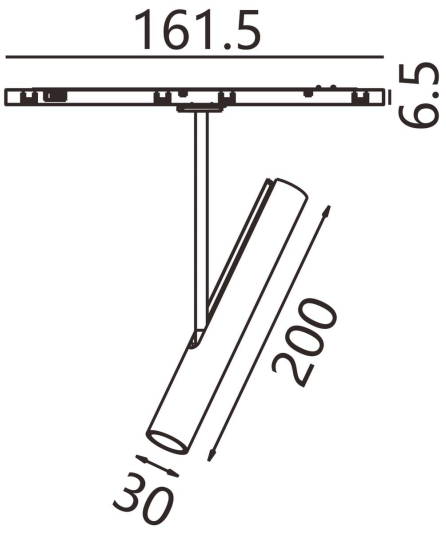


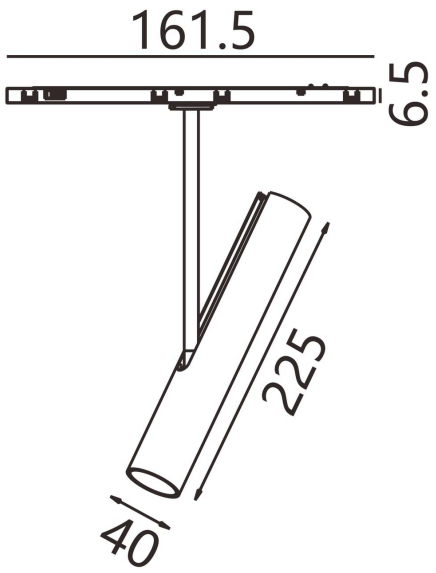
Spotlight for the Slim 10 mm magnetic track. 8, 15 or 20 W. Beam angles 10° to 50°, by model. 2700, 3000, 4000 K. 97 CRI.

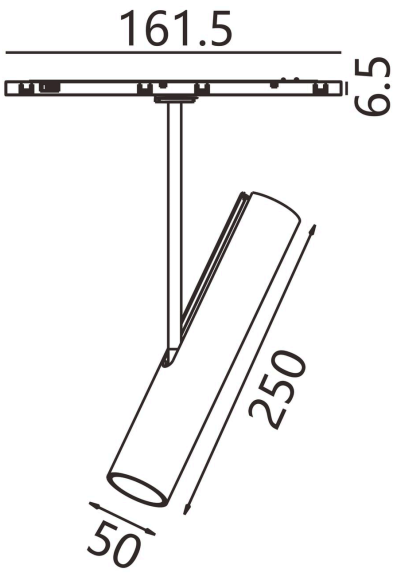
- LED source: Citizen
- UGR <19

Power **8 W, 15 W, 20 W**	Voltage **48 V DC**	Luminous flux **700 lm, 1400 lm, 1800 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **10°, 15°, 16°, 24°, 36°, 45°, 50°**
IP rating **IP20**	Certifications **CE, RoHS**	Mounting **Magnetic track**
Finishes **White, Black**		

Dimensions







Models

Code	Power	Voltage	Flux	CRI	Size	Beam
ST-6045	8 W	48 V DC	700 lm	97 CRI	L200 x W30 mm (base 161.5 × 6.5)	15° 24° 36° 45°
ST-6046	15 W	48 V DC	1400 lm	97 CRI	L225 x W40 mm (base 161.5 × 6.5)	10° 16° 24° 36° 50°
ST-6047	20 W	48 V DC	1800 lm	97 CRI	L250 x W50 mm (base 161.5 × 6.5)	10° 16° 24° 36° 50°

Finishes



Black

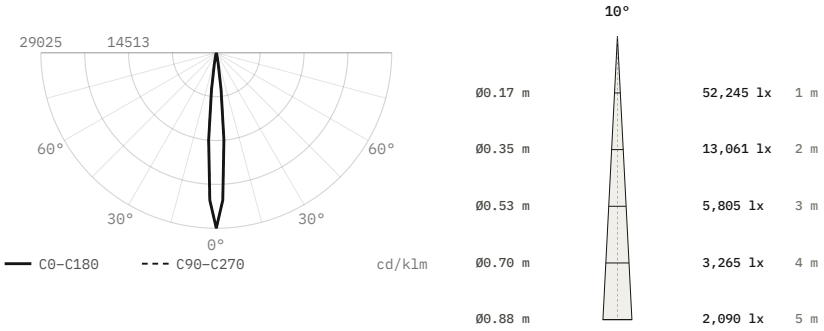


White

Photometry

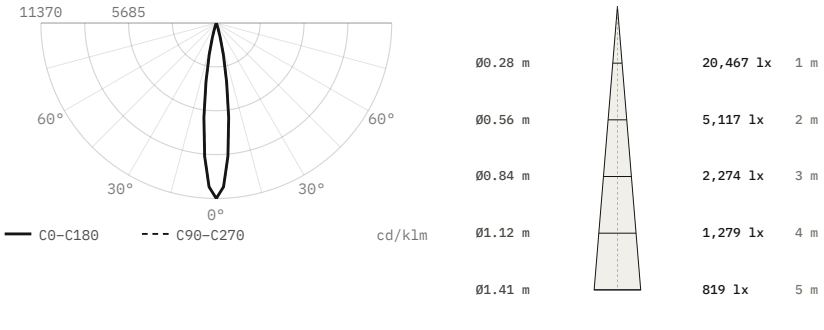
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for ST-6047, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

ST-6047, 20 W, 10° beam



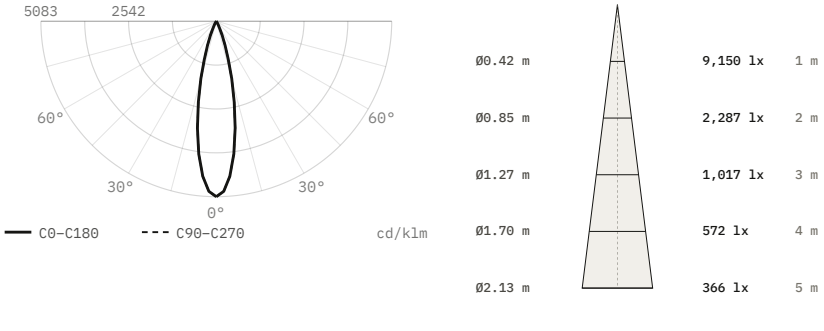
Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	52,245 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	250 × 50 mm
Data	Calculated from catalogue data

ST-6047, 20 W, 16° beam



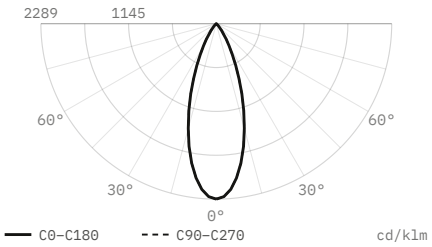
Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	20,467 cd, 11,370 cd/klm
Beam angle (50%)	16°
Field angle (10%)	29.2°
Cut-off angle (2.5%)	18°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	250 × 50 mm
Data	Calculated from catalogue data

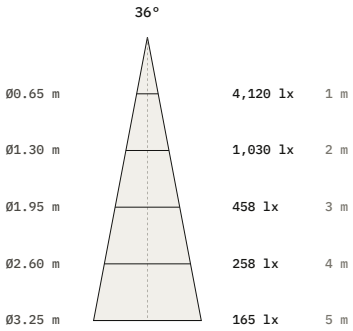
ST-6047, 20 W, 24° beam



Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	9,150 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	250 × 50 mm
Data	Calculated from catalogue data

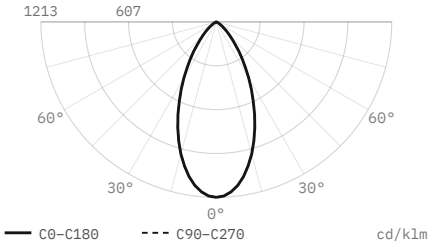
ST-6047, 20 W, 36° beam

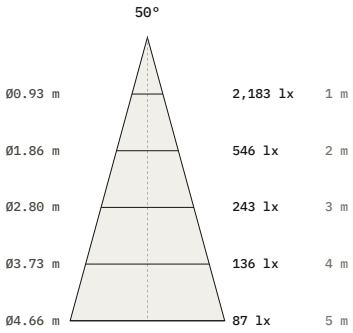




Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	4,120 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	250 × 50 mm
Data	Calculated from catalogue data

ST-6047, 20 W, 50° beam





Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	2,183 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	250 × 50 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.