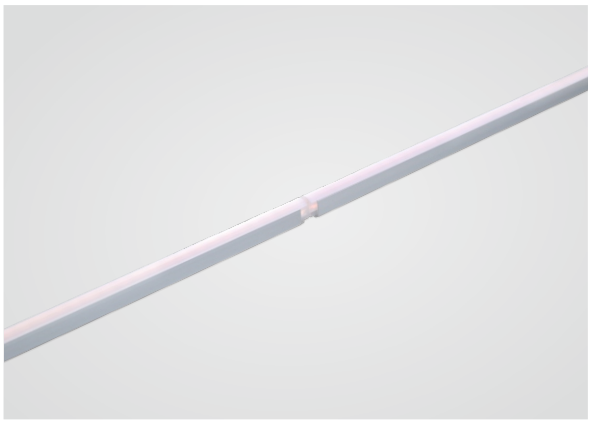
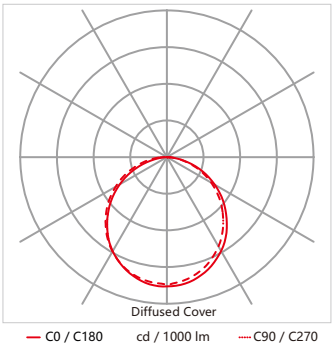
FINESTRIP-SERIES-S1



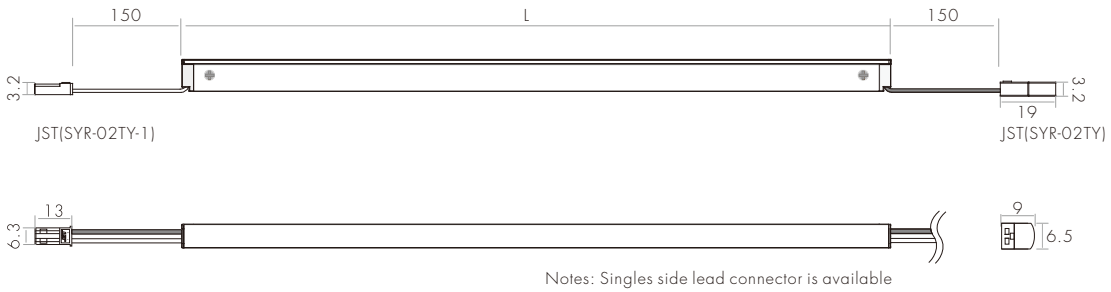
Photometric Data



Features

- Super narrow and slim, width only 6.5mm, height is 9mm.
- Fully homogenous mini LED profile.
- Innovative 'glowing' end caps to minims end-to-end shadowing, with dual cable exit design.
- Snap in diffused cover with no visible spotting.
- Output 840 lumens per meter, CRI 95.
- Efficiency : 52 lm/W
- LED lifetime: 50,000h (L70 @25°C)
- Color temperature options: 1800K, 2400K, 2700K, 3000K, 4000K, etc.
- Color consistency: 3-step MacAdam ellipse
- Dimming protocol could be possibly with DMX-512, 1-10V or DALI
- Operating Voltage: 24VDC
- Operating ambient temperature: 0 deg C - 40 deg C
- Power feed: Hardwire tails or male/ female connectors
- Outer finish: Silver anodized
- Cover lens: Diffused
- Mounting: 3M tape or clip mounting methods for quick installation
- Dimension: H9/W6.5/L92 - 1493mm
- 3 years warranty

PHYSICAL DATA(mm)



Notes: Singles side lead connector is available

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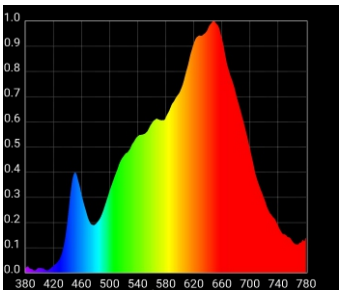
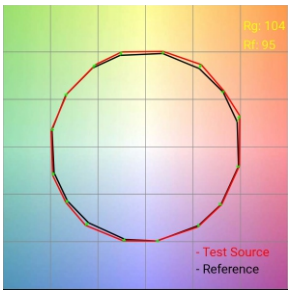
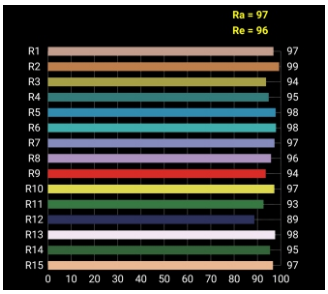
PERFORMANCE DATA

Code	FS-S1-xx-L100	FS-S1-xx-L300	FS-S1-xx-L500	FS-S1-xx-L1000	FS-S1-xx-L1500
Power Consumption	1W	2.9W	5.3W	10.6W	15.9W
Voltage	24V DC	24V DC	24V DC	24V DC	24V DC
Length	92mm	273mm	499mm	996mm	1493mm
Weight	7g	21g	35g	70g	105g
Max. Length	5000mm	5000mm	5000mm	5000mm	5000mm
Color Temperature	1800K, 2400K, 2700K, 3000K, 4000K, 5000K, 6500K, 7500K				
CRI	R1 97 R2 99 R3 94 R4 95 R5 98 R6 98 R7 97 R8 96 R9 94 R10 97 R11 93 R12 89 R13 98 R14 95 R15 97				
Dimming protocol	1-10V, DMX-512A, DALI				
Environment	Dry location (IP20)				
Operating Temperature	0°C - 40°C (Tc max =70°C)				
Installation Accessories	① MAGNET FS-S1-MA ② METAL PASTED FS-S1-MP ③ BACK CLIP FS-S1-BC ④ 1.5M POWER SUPPLY CALBE FS-S1-PSC ⑤ 0.15M JUMP CABLE FS-S1-JC				

Color Temperature	lumen per meter (lm/m) efficacy lumen per watt (lm/W) @ 25°C, diffuser cover				
1800K	26/26	78/26.9	130/24.5	273/25.8	416/26.2
2400K	38/38	114/39.3	198/37.3	399/37.6	608/38.2
2700K	44/44	132/45.5	242/45.5	462/43.6	704/44.3
3000K	56/56	168/57.9	280/52.8	560/52.8	840/52.8
4000K	71/71	213/73.4	385/72	753/71	1136/71.4

*All above specifications are tested in a stable warm operating conditions (25°C ambient)

SERIES/CCT	SPECTRAL POWER DISTRIBUTION	COLOR ACCURACY	CRI PERFORMANCE
FS-S1-30-L100 3000K	 Perfect Spectral	 Rf:95, Rg:104	 CRI: 96, R9:94

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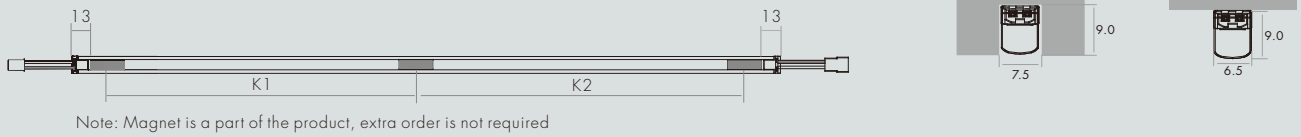
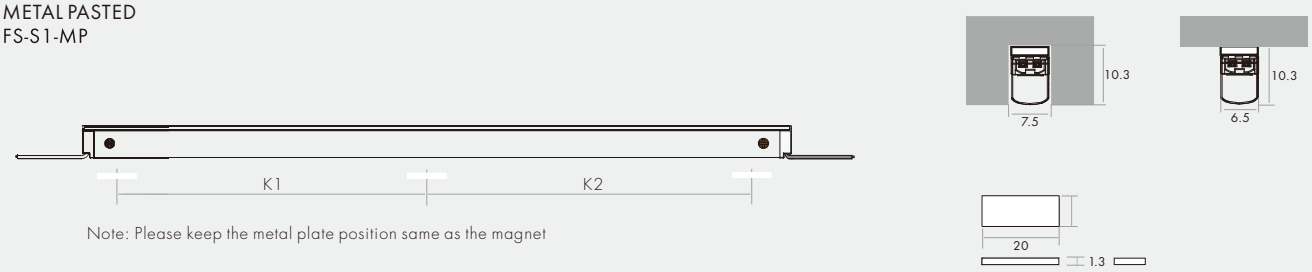
INSTALLATION ACCESSORIES

❶ MAGNET
FS-S1-MA



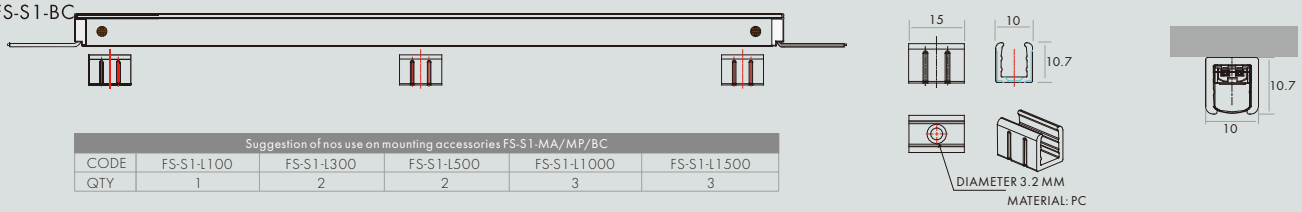
Note: Magnet is a part of the product, extra order is not required

❷ METAL PASTED
FS-S1-MP



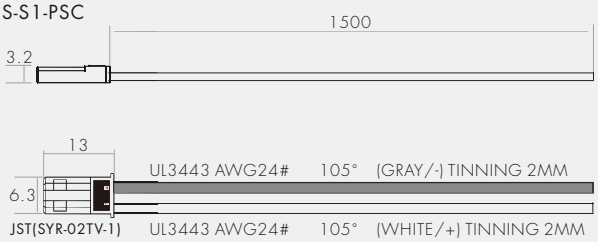
Note: Please keep the metal plate position same as the magnet

❸ BACK CLIP
FS-S1-BC

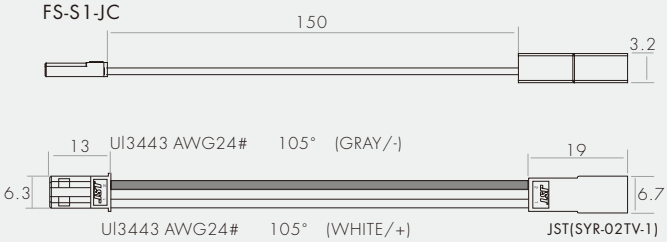


Suggestion of nos use on mounting accessories FS-S1-MA/MP/BC					
CODE	FS-S1-L100	FS-S1-L300	FS-S1-L500	FS-S1-L1000	FS-S1-L1500
QTY	1	2	2	3	3

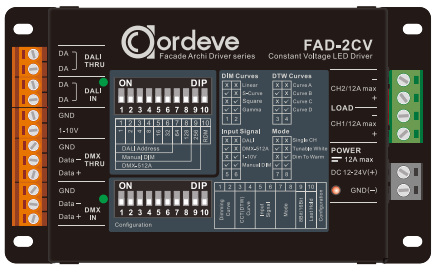
❹ 1.5M POWER SUPPLY CABLE
FS-S1-PSC



❺ 0.15M JUMP CABLE
FS-S1-JC



CONTROL DRIVER - FAD-2CV



Input Power: 12-24VDC/12A max
(2 pin detachable terminal connector)

Input Signals: DMX-512A(RDM), or DALI or 1-10VDC
(2 & 3pin detachable terminal connector)

Output Power: 2 ways output, max. 290Watt in total

Weight: 0.3 kg

Dimensions: 120mm x 72mm x 23mm (L x W x H)

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