

Linear Specification

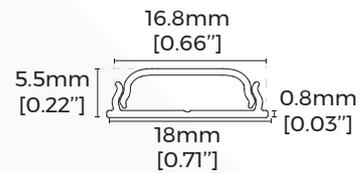
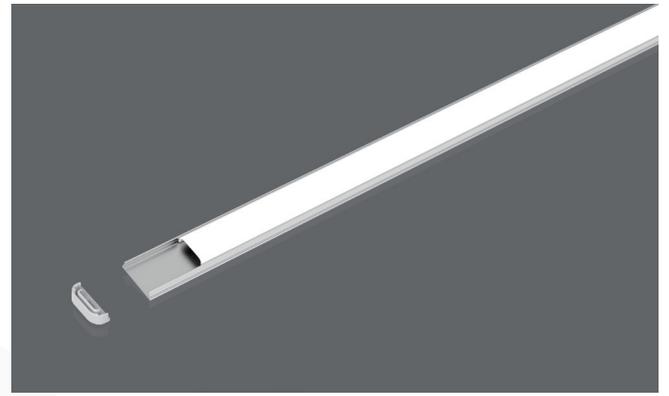
BS1805

— ALS ECO series



【Basic Parameters】

- Material: AL6063-T5,spraying surface/anodizing
- Coating: Silver anodized,Black,White
- Length: 2500mm/0-2500mm customizable
(Other lengths on request)
- Application: Indoor
- Installation: Ceiling
- IP grade: IP20
- Certification: ROHS、 Reach
- Warranty: 5 years



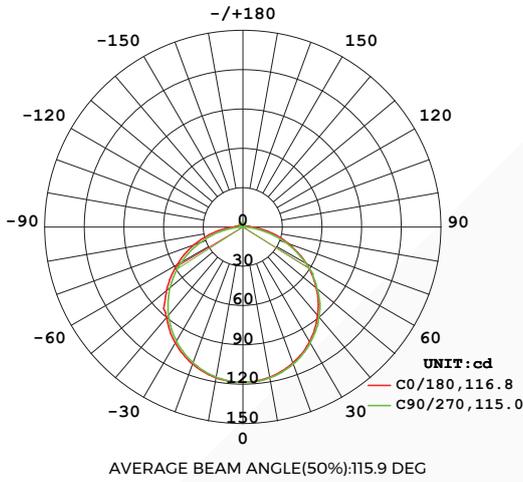
【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A/m)	Type Power (W/m)	Max. Power (W/m)	CRI	CCT	Lumen (LM/m)
Normal	BS1805	1000mm (3.28ft)	24	0.38 (0.12A/ft)	10.0 (3.05W/ft)	11.0 (3.35W/ft)	>90	2700K	340 (104LM/ft)
								3000K	346 (106LM/ft)
								3500K	356 (108LM/ft)
								4000K	372 (113LM/ft)
								6000K	372 (113LM/ft)

Note:

1. The above parameters were tested based on 1M standard product and DF6N-24V-8mm,Ra90,4000K light source;
2. luminous flux is allowed to have a $\pm 10\%$ error range;
3. The above parameters are typical values.

[Optical Parameter]



Luminous intensity distribution diagram

Flux out:262.2 lm

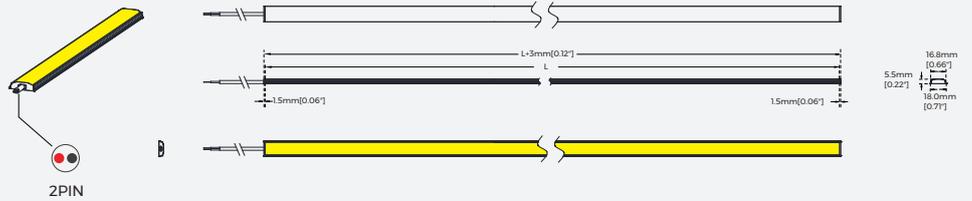
Height	Eavg,Emax	Angle:114.99deg	Diameter
1m	32.58,118.61x		313.90cm
2m	8.146,29.641x		627.81cm
3m	3.620,13.171x		941.71cm
4m	2.036,7.4101x		1255.62cm
5m	1.303,4.7431x		1569.52cm
6m	0.9051,3.2941x		1883.42cm
7m	0.6649,2.4201x		2197.33cm
8m	0.5091,1.8531x		2511.23cm
9m	0.4022,1.4641x		2825.13cm
10m	0.3258,1.1861x		3139.04cm

Note:The Curves indicate the illuminated area and the average, illumination when the luminaire is at different distance.

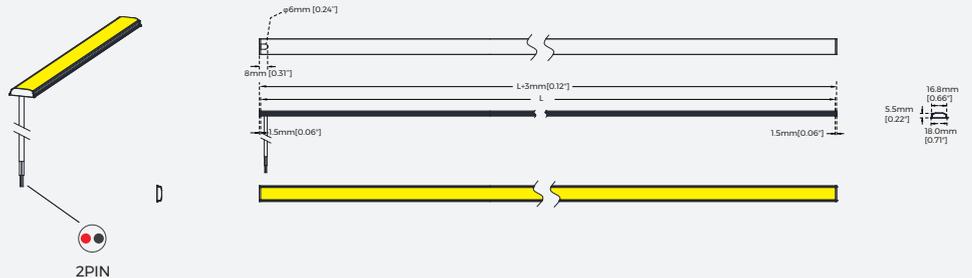
AAI Figure

[Product mechanical data]

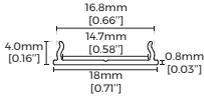
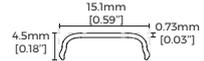
• Straight wire outlet



• Bottom wire outlet



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Profile	Material: AL6063-T5 Surface processing: Anodizing/spraying Size: L2500*W18.0*H4.0mm [Inch size: L98.43"*W0.71"*H0.16"]	/	/
		Diffuser	Material: PC Light transmittance: >75% Size: L2500*W15.1*H4.5mm [Inch size: L98.43"*W0.59"*H0.18"] PC feature: The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10°C.	/	/
	/	End caps	Material: PC Size: L18.0*W5.5*H5.0mm [Inch size: L0.71"*W0.22"*H0.20"] Others: Holeless end caps/ End cap with hole optional	EC-BS1805	/
	/	Mounting clip	Material: stainless steel Size: L19.0*W19.6*H4.1mm [Inch size: L0.75"*W0.77"*H0.16"]	CP-46	/
		Flexible Strip	Material: COF CCT: 2700/3000/3500/4000/6000K CRI>90;Voltage: 24V; Power: 10.0W/M; Lumen: 600LM/M;Width: 8mm; Bend diameter: >60mm; Minimum cutting unit: 3.68mm;	DF6N-24V-8mm	/

[Packing]

Model	Modes of packing	Quantity /box	Quantity /carton	NW /carton/(kg)	Carton (kg)	GW /carton/(kg)	Size (mm/carton)
ALS-BS1805FDXSS2500-BC	Bulk Packaging	/	100	18.30	1.43	19.80	2580*160*160 [101.6"*6.3"*6.3"]
ALS-BS1805FDXSS2500-DC	Single-Unit Inner Box Packaging	1	/	/	/	/	/
ALS-BS1805FDXSS2500-SC	Single-Unit Bag Packaging	/	100	18.30	1.43	19.80	2580*160*160 [101.6"*6.3"*6.3"]

[Attentions]

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use