

Linear Specification

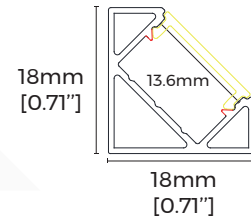
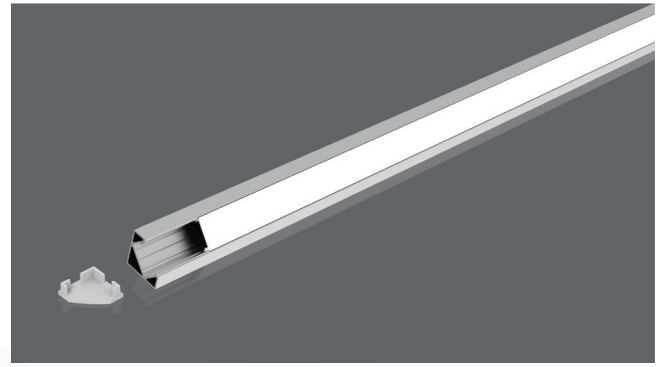
BG1818

—ALS ECO series



【Basic Parameters】

- Material: AL6063-T5,spraying surface/anodizing
- Coating: Silver anodized,Black,White
- Length: 2500mm[98.43"]/0-2500mm[0"-98.43"] customizable(Other lengths on request)
- Application: Indoor
- Installation: Ceiling
- IP grade: IP20
- Certification: ROHS、 Reach
- Warranty: 5 years



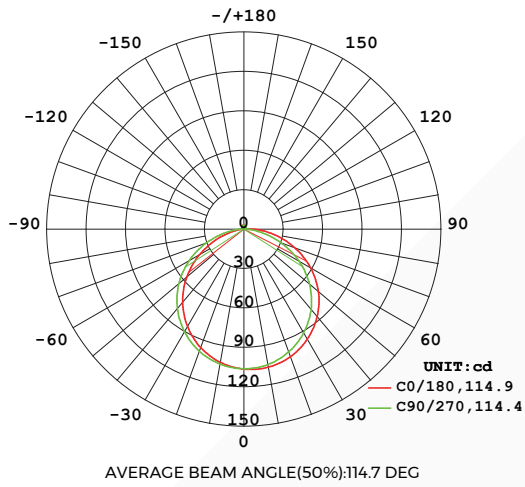
【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A/m)	Type Power (W/m)	Max. Power (W/m)	CRI	CCT	Lumen (LM/m)
Normal	BC1818	1000mm (3.28ft)	24	0.26 (0.08A/ft)	6.6 (2.01W/ft)	7.2 (2.2W/ft)	>90	2700K	295 (90LM/ft)
								3000K	300 (92LM/ft)
								4000K	325 (99LM/ft)
								6000K	325 (99LM/ft)

Note:

1. The above parameters were tested based on 1M[3.28'] standard product and D6140-24V-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:234.2 lm

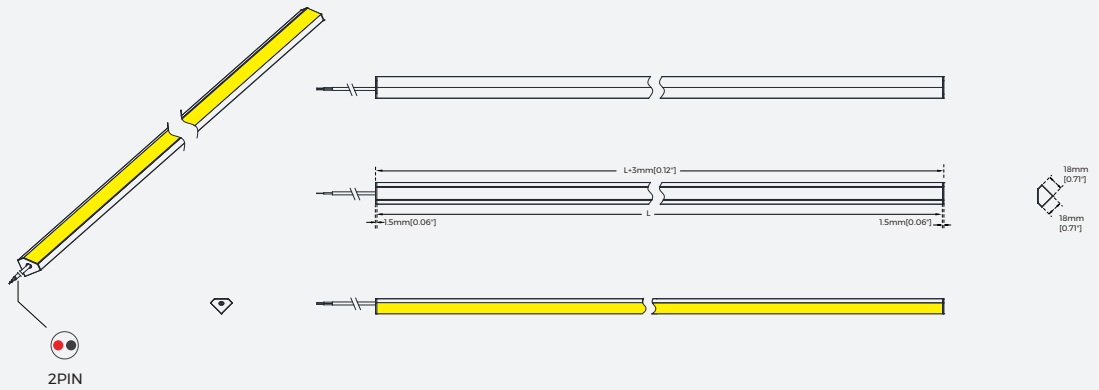
Height	Eavg,Emax	Angle:114.22deg	Diameter
1m	29.11,106.71x		309.30cm
2m	7.276,26.671x		618.59cm
3m	3.234,11.851x		927.89cm
4m	1.819,6.6671x		1237.19cm
5m	1.164,4.2671x		1546.48cm
6m	0.8085,2.9631x		1855.78cm
7m	0.5940,2.1771x		2165.08cm
8m	0.4548,1.6671x		2474.37cm
9m	0.3593,1.3171x		2783.67cm
10m	0.2911,1.0671x		3092.97cm

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

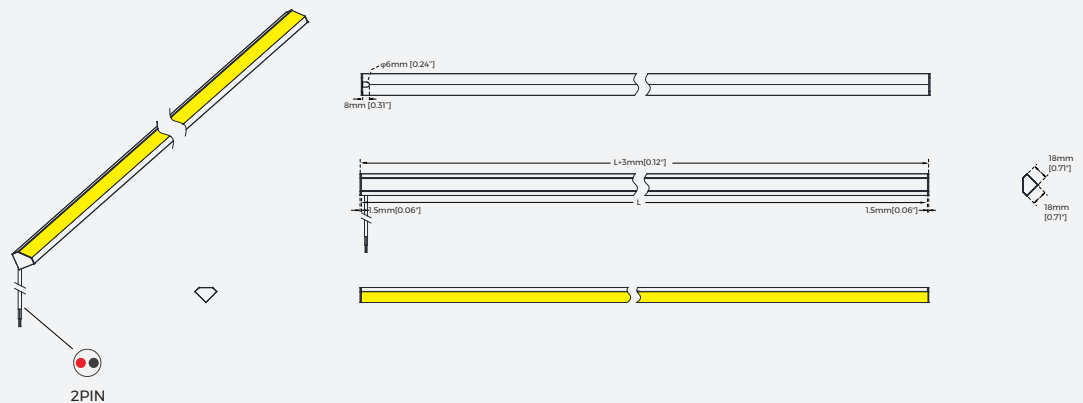
AAI Figure

[Product mechanical data]


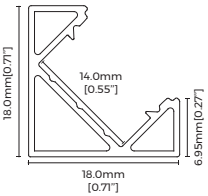

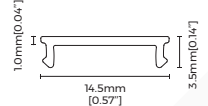
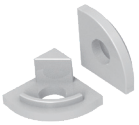

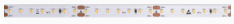

• Straight wire outlet



• Bottom wire outlet



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
	 18.0mm [0.71"] 14.0mm [0.55"] 6.95mm [0.27"] 18.0mm [0.71"]	Profile	Material: AL6063-T5 Surface processing: Anodizing/spraying Size: L2500*W18.0*H18.0mm [Inch size: L98.43"*W0.71"*H0.71"]	/	/
	 10mm [0.4"] 14.5mm [0.57"] 3.5mm [0.14"]	Diffuser	Material: PC Light transmittance: >60% Size: L2500*W14.5*H3.5mm [Inch size: L98.43"*W0.57"*H0.14"] PC feature: The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10°C.	/	/
	/	End caps	Material: PC Size: L18.0*W18.0*H7.5mm [Inch size: L0.71"*W0.71"*H0.30"] Others: Holeless end caps/ End cap with hole optional	EC-BG1818	/
	/	Embedded clip	Material: stainless steel Size: L13.8*W19.5*H19.5mm [Inch size: L0.54"*W0.77"*H0.77"]	CP-49	/
	 8mm [0.31"] 50mm [1.97"]	Flexible Strip	Material: FPC CCT: 2700/3000/4000/6000K CRI>90; Voltage: 24V; Power: 6.6W/M [2.0W/ft]; Lumen: 710LM/M [216LM/ft]; Width: 8mm [0.31"]; Minimum cutting unit: 50mm [1.97"];	D6140-24V-8mm	/

[Packing]

Model	Modes of packing	Quantity /box	Quantity /carton	NW /carton/(kg)	Carton (kg)	GW /carton/(kg)	Size (mm/carton)
ALS-BG1818FDXSS2500-BC	Bulk Packaging	/	50	17.50	1.60	24.50	2580*180*180 [101.6"*7.1"*7.1"]
ALS-BG1818FDXSS2500-DC	Single-Unit Inner Box Packaging	1	/	/	/	/	/
ALS-BG1818FDXSS2500-SC	Single-Unit Bag Packaging	/	50	17.50	1.60	24.50	2580*180*180 [101.6"*7.1"*7.1"]

[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[0.01"/ft], please confirm before processing and use