

Linear Specification

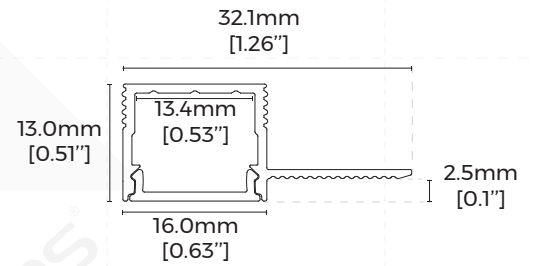
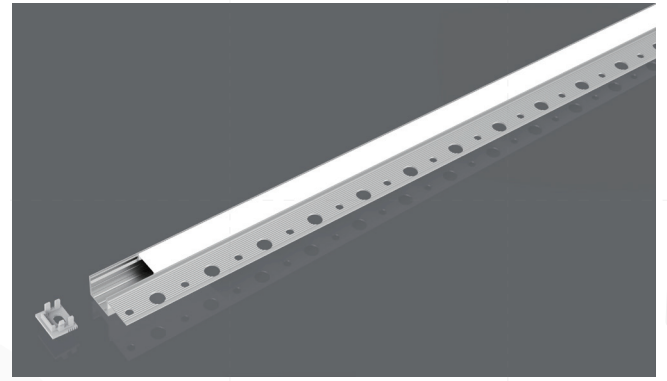
# BR1613(B)

— ALS ECO series



## 【Basic Parameters】

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



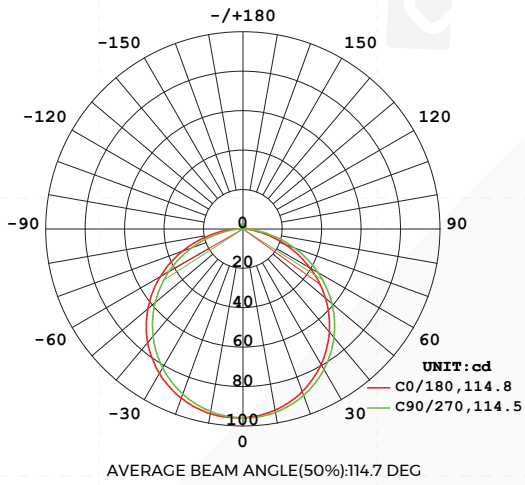
## 【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A/m)	Type Power (W/m)	Max. Power (W/m)	CRI	CCT	Lumen (LM/m)
Normal	BR1613(B)	1000mm (3.28ft)	24	0.27 (0.08A/ft)	6.6 (2.01W/ft)	7.2 (2.21W/ft)	>90	2700K	265 (81LM/ft)
								3000K	270 (82LM/ft)
								4000K	290 (89LM/ft)
								6000K	290 (89LM/ft)

Note:

1. The above parameters were tested based on 1M 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:211.1 lm

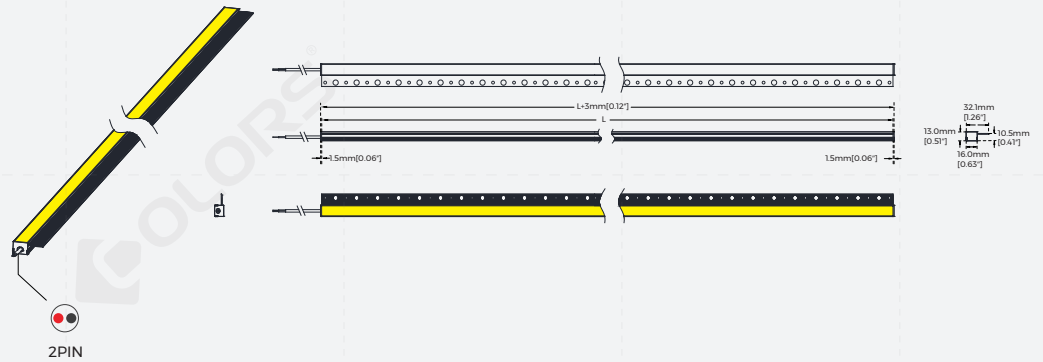
Height	Eavg,Emax	Angle:114.51deg	Diameter
1m	26.24,95.941x		311.02cm
2m	6.560,23.991x		622.04cm
3m	2.916,10.661x		933.06cm
4m	1.640,5.9961x		1244.08cm
5m	1.050,3.8381x		1555.10cm
6m	0.7289,2.6651x		1866.12cm
7m	0.5355,1.9581x		2177.14cm
8m	0.4100,1.4991x		2488.16cm
9m	0.3240,1.1841x		2799.19cm
10m	0.2624,0.95941x		3110.21cm

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

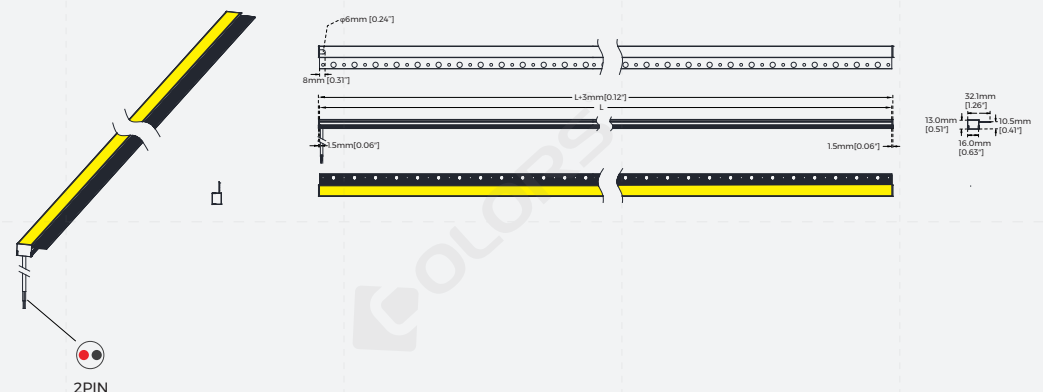
AAI Figure

## [Product mechanical data]


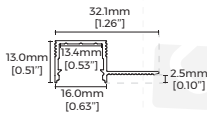

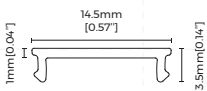
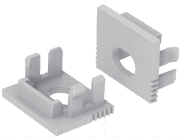



### • Straight wire outlet



### • Bottom wire outlet



## [Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Profile	Material: AL6063-T5 Surface processing: Anodizing/spraying Size: L2500*W32.1*H13.0mm [Inch size: L98.43"*W1.26"*H0.51"]	/	/
		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: L16.0*W13.0*H7.5mm [Inch size: L0.63"*W0.51"*H0.30"] Others: Holeless end caps/ End cap with hole optional	EC-BS1613	/
	/	Screw	Material: Carbon Steel Size: M3.5*40mm [Inch size: M0.14"*1.57"]	CL-01	/
		Flexible Strip	Material: FPC CCT: 2700/3000/4000/6000K CRI > 90; Voltage: 24V; Power: 6.6W/M; Lumen: 710LM/M; Width: 8mm; Minimum cutting unit: 50mm;	D6140-24V-8mm	/

## **[Packing]**

<b>Model</b>	<b>Modes of packing</b>	<b>Quantity /box</b>	<b>Quantity /carton</b>	<b>NW /carton/(kg)</b>	<b>Carton (kg)</b>	<b>GW /carton/(kg)</b>	<b>Size (mm/carton)</b>
ALS-BR1613FDXSS2500(B)-BC	Bulk Packaging	/	40	14.40	1.60	19.00	2580*180*180 [101.6"*7.1"*7.1"]
ALS-BR1613FDXSS2500(B)-DC	Single-Unit Inner Box Packaging	1	/	/	/	/	/
ALS-BR1613FDXSS2500(B)-SC	Single-Unit Bag Packaging	/	40	14.40	1.60	19.00	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, please confirm before processing and use