

Linear Specification

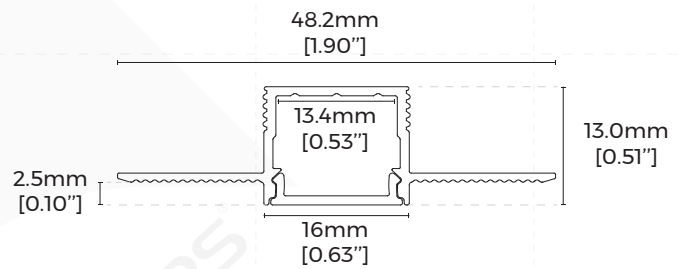
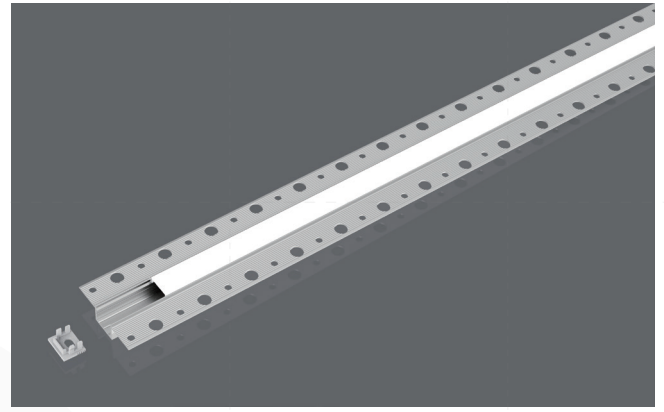
BR1613(A)

— 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



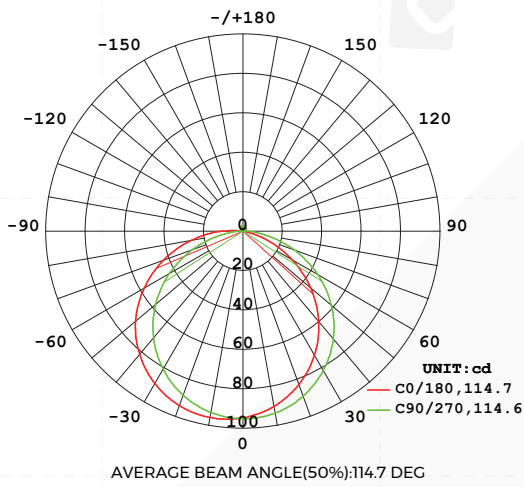
【Luminaire Parameters】

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(A)	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 (83LM/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: 209.2 lm

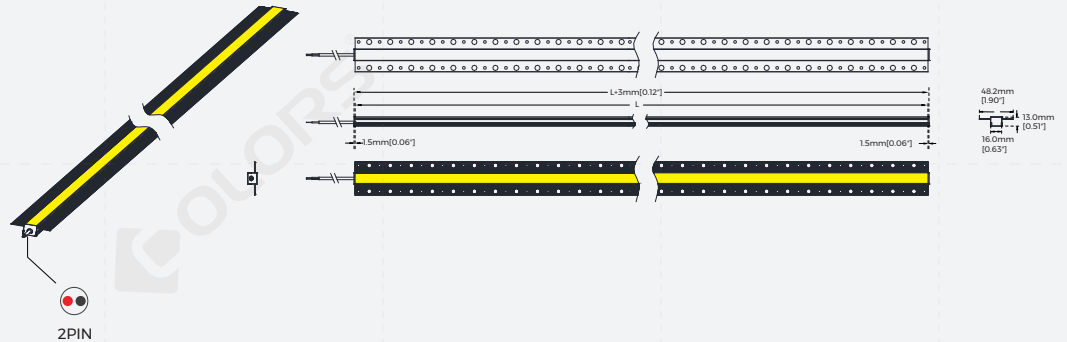
Height	Eavg, Emax	Angle: 114.62deg	Diameter
1m	26.00, 95.31lx		311.68cm
2m	6.501, 23.83lx		623.36cm
3m	2.889, 10.59lx		935.03cm
4m	1.625, 5.957lx		1246.71cm
5m	1.040, 3.812lx		1558.39cm
6m	0.7224, 2.647lx		1870.07cm
7m	0.5307, 1.945lx		2181.75cm
8m	0.4063, 1.489lx		2493.42cm
9m	0.3210, 1.177lx		2805.10cm
10m	0.2600, 0.953lx		3116.78cm

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

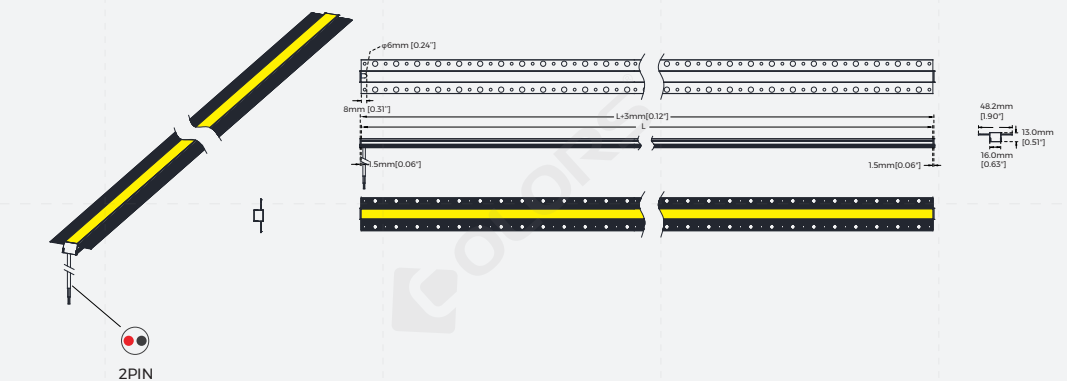
AAI Figure

[Product mechanical data]


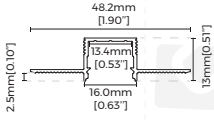

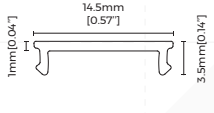
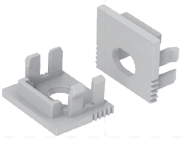

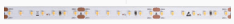
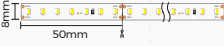
• Straight wire outlet



• Bottom wire outlet



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Profile	Material: AL6063-T5 Surface processing: Anodizing/spraying Size: L2500*W48.2*H13.0mm [Inch size: L98.43\"*W1.90\"*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]

Model	Modes of packing	Quantity /box	Quantity /carton	NW /carton/(kg)	Carton (kg)	GW /carton/(kg)	Size (mm/carton)
ALS-BR1613FDXSS2500(A)-BC	Bulk Packaging	/	40	16.20	1.60	21.60	2580*180*180 [101.6"*7.1"*7.1"]
ALS-BR1613FDXSS2500(A)-DC	Single-Unit Inner Box Packaging	1	/	/	/	/	/
ALS-BR1613FDXSS2500(A)-SC	Single-Unit Bag Packaging	/	40	16.20	1.60	21.60	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