

Linear Specification

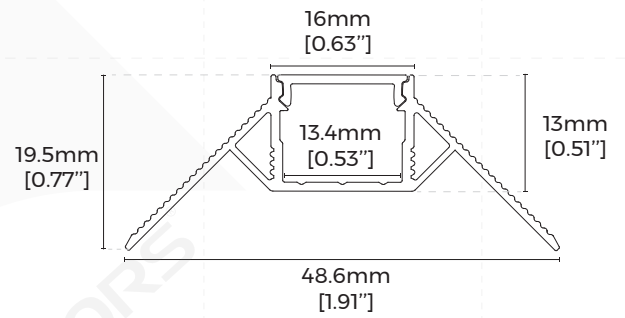
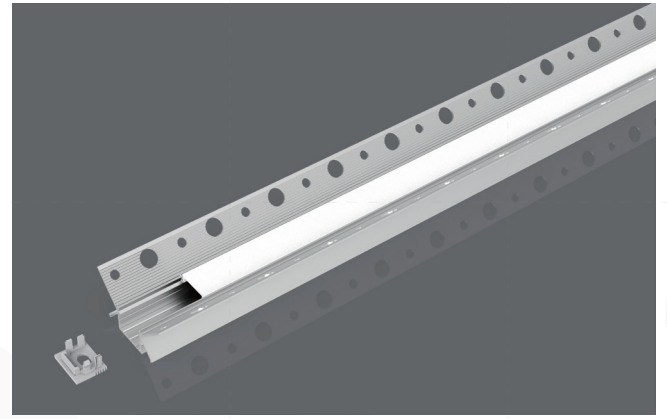
# BG4920

— 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



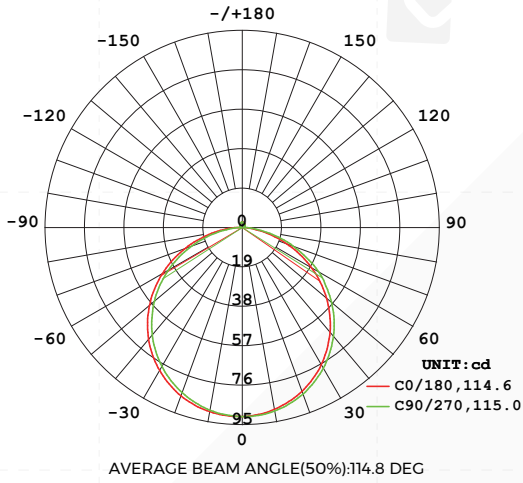
## 【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A/m)	Type Power (W/m)	Max. Power (W/m)	CRI	CCT	Lumen (LM/m)
Normal	BG4920	1000mm (3.28ft)	24	0.27 (0.08A/ft)	6.6 (2.01W/ft)	7.2 (2.20W/ft)	>90	2700K	250 (76LM/ft)
								3000K	255 (78LM/ft)
								4000K	275 (84LM/ft)
								6000K	275 (84LM/ft)

Note:

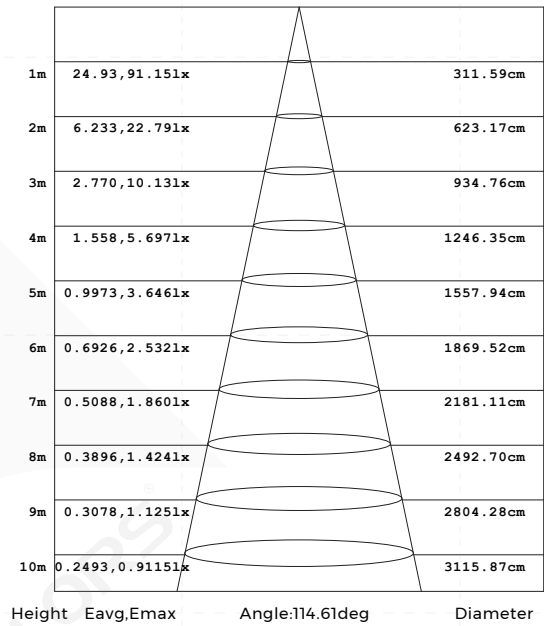
1. The above parameters were tested based on 1M standard product and D6140-24V-8mm, Ra90, 4000K light source;
2. luminous flux is allowed to have a  $\pm 10\%$  error range;
3. The above parameters are typical values.

## [Optical Parameter]



Luminous intensity distribution diagram

Flux out:200.6 lm

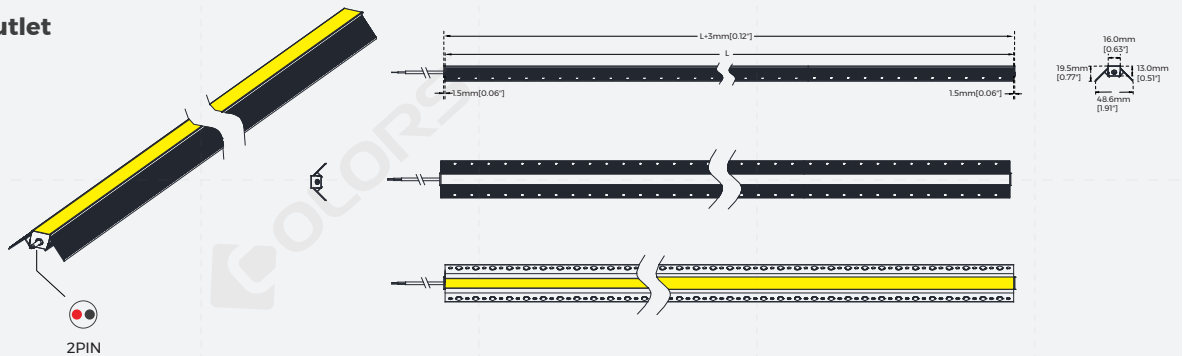


Note:The Curves indicate the illuminated area and the average, illumination when the luminaire is at different distance.

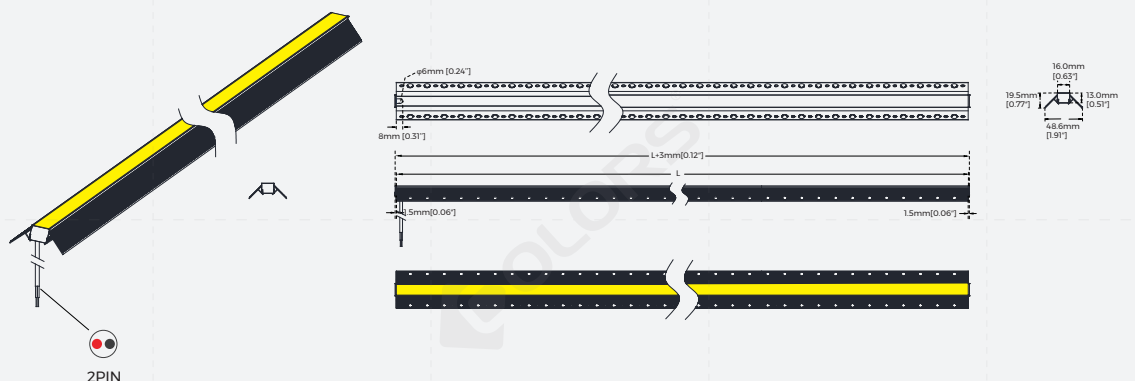
AAI Figure

## [Product mechanical data]

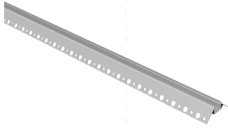
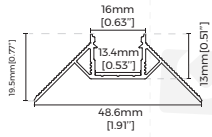

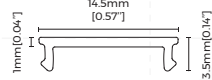
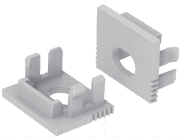



### • Straight wire outlet



### • Bottom wire outlet



## [Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Profile	Material: AL6063-T5 Surface processing: Anodizing/spraying Size: L2500*W48.6*H19.5mm [Inch size: L98.43"*W1.91"*H0.77"]	/	/
		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: Fe 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-BG4920FDXSS2500-BC	Bulk Packaging	/	35	19.25	1.60	24.00	2580*180*180 [101.6"*7.1"*7.1"]
ALS-BG4920FDXSS2500-DC	Single-Unit InnerBox Packaging	1	/	/	/	/	/
ALS-BG4920FDXSS2500-SC	Single-Unit Bag Packaging	/	35	19.25	1.60	24.00	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