

# LED Neon Lightbar

## 0606 IP67 Series S1

### DATASHEET

**EDISON OPTO** adopts advanced LED technology development and develops DC24V constant voltage neon light bar with integrated extrusion process, the product is beautiful and simple fashion. The light bar is made of environmentally friendly grade silicone, which is resistant to salt solution, corrosion, flame retardant and UV.



#### Feature

- uniform lighting surface and no shadow
- Available for aluminum profile mounting
- 3-year warranty

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## Lightbar Photometrics

- Efficacy Version**

Model No.	CCT (K)	Voltage (CV)	Luminous flux(lm/M)	Efficacy (lm/W)	Power (W/M)	Unit Cut (mm)	CRI(Ra)
6LBU528JA0B24001	2800	24	516	86	6.0	25	≥90
6LBU532JA0B24001	3200	24	528	88	6.0	25	≥90
6LBU538JA0B24001	3800	24	546	91	6.0	25	≥90
6LBU556JA0B24001	5600	24	546	91	6.0	25	≥90

Note:

- The maximum and minimum lumen flux are based on  $\pm 15\%$  of the typical rating.
- The maximum and minimum input power are based on  $\pm 10\%$  of the typical rating.

- Technical data**

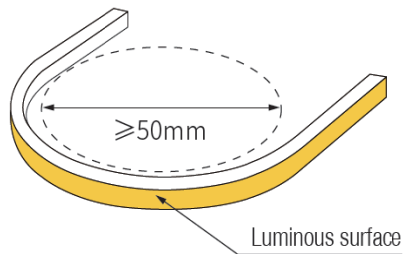
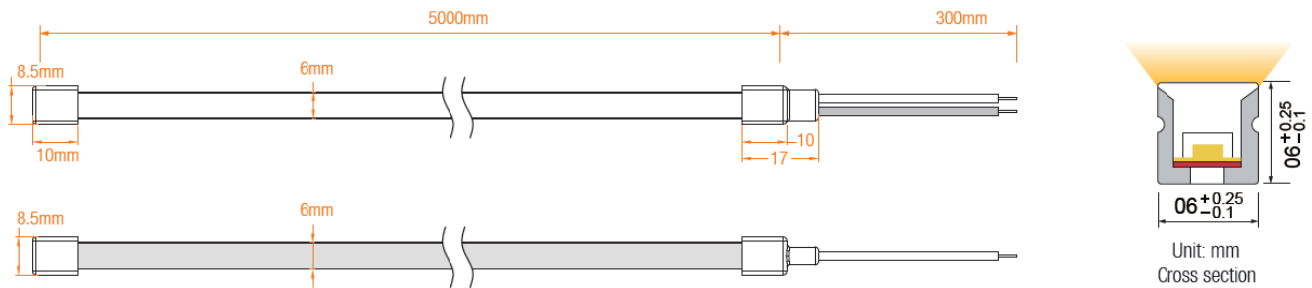
Parameter	Value	Unit
Beam characteristic	120	°
Ambient temperature range	-25~ +45	°C
Tc temperature (Max)	70	°C
Storage temperature range	-35~ +70	°C
Type of protection	IP67	
Color Temperature	2800K/3200K/3800K/5600K	
Risk group(EN62778)	1	

- Energy Efficiency Index(EU2019/2015)**

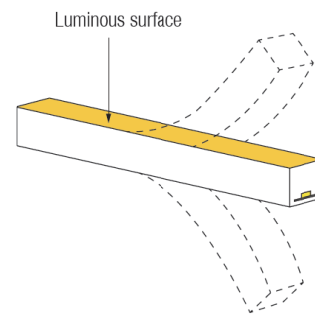
Type.	CCT(K)	Level*
6LBU528JA0B24001	2800K	G
6LBU532JA0B24001	3200K	G
6LBU538JA0B24001	3800K	G
6LBU556JA0B24001	5600K	G

Note:\*level is energy efficiency level based on the newest ERP.

## Dimensions



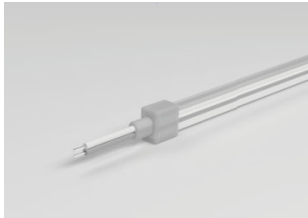

Min Bending diameter

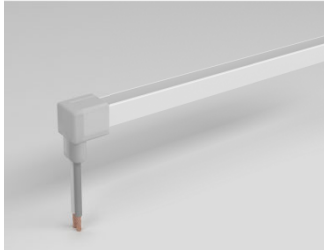
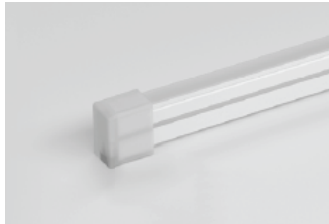


Bend vertical only

## Connector Series

### Snap connector

Prat No	Picture	Describe
13CNP3000704		Front Cable Entry _300MM_24AWG_2P
13CNP3000705		Side Cable Entry _300MM_24AWG_2P





13CNP3000706		Bottom Cable Entry _300MM_24AWG_2P
13MAFT000565		Snap End Cap

### Mounting Buckle

13MAFT000566		Aluminium Mounting Clips _L20×W8.5×H6.1mm+ 2 Pcs 2.3×16 Self-tapping screws
13HSLBR10520		Aluminium Profile _L1000*W8.5*H6.1mm

## Product Packaging Information

EX:

 艾笛森光電股份有限公司 EDISON OPTO CORPORATION	
Part No: <u>6LBR140JK0S16001</u>	Inspected By: <div style="border: 1px solid black; width: 60px; height: 40px; display: flex; align-items: center; justify-content: center;">  </div>
Color: <u>Neutral White(4000k)</u>	 
Quantity: <u>1 Reel (20M)</u>	
Lot No: <u>XXXXXXXX</u>	

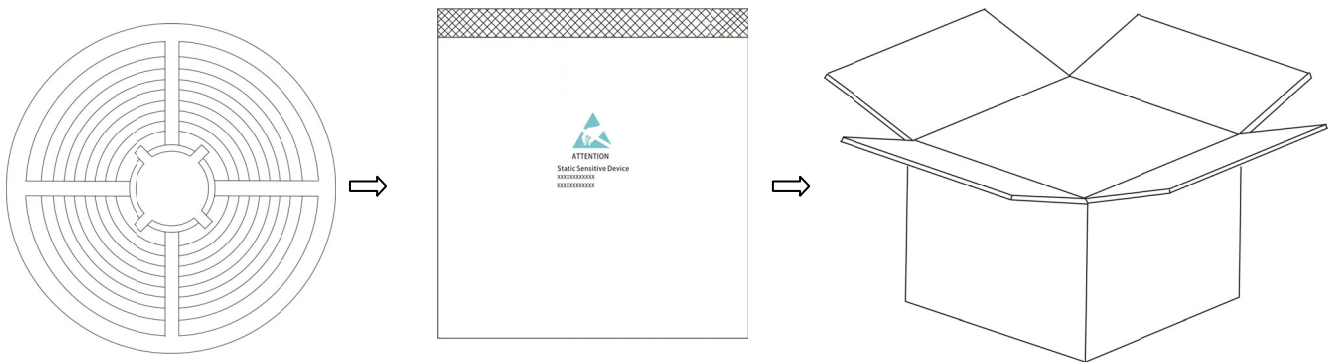
### Label information

Part NO. : Order code

Color : Color

Quantity : The number of packing

Lot NO. : Date code



## Precaution for Use& Environmental Compliance

1. DO NOT use the products with materials containing Sulfur.
2. DO NOT assemble in humid environment or the conditions of containing oxidizing gas such as C1, H<sub>2</sub>S, NH<sub>3</sub>, SO<sub>2</sub>, NO<sub>x</sub>, etc.
3. DO NOT add or change wires while the circuit of Module is active. Long time exposure to sunlight or UV should be avoided.
4. DO NOT press the product; even a slight pressure may damage the product. The environments such as high temperatures, high humidity or direct expose to sunlight should be avoided since the product is sensitive to these conditions.
5. Assembly must not damage or destroy conducting paths on the circuit board.
6. Please ensure that the power supply is of adequate power to operate the total load.

Lightbar series are compliant to the Restriction of Hazardous Substances Directive or RoHS. The restricted materials including lead, mercury cadmium hexavalentchromium, polybrominated biphenyls (PBB) , polybrominated diphenyl ether (PBDE) ,Diisobutyl phthalate(DIBP),Phthalic acid(DEHP),Butyl benzyl phthalate (BBP)and Dibutyl phthalate (DBP) are not used in Lightbar series to provide an environmentally friendly product to the customers.

## Revision History

Versions	Description	Release Date
1.0	Preliminary	2023/08/31



## About EDISON OPTO

Edison Opto provides comprehensive LED and solid-state lighting products from LED Component, Light Module, UV / IR LED, LED sensing, Horticulture and Automotive Lighting. With a view to improve R&D process, Edison Opto develops the vertical platform on **TEMOTM** (Thermal . Electrical . Mechanical . Optical) to ensure the quality of products and services; Furthermore, Edison Opto creates **LDMSM** (Lighting Design Manufacturing Service) from light source to luminaire manufacturing, to serve our customers a quality experience of customized solutions.



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