

LED Neon Lightbar

0408 IP65 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)
6LBU127JA0B24001	2600	24	186	31	6.0	25	≥90
6LBU130JA0B24001	3000	24	192	32	6.0	25	≥90
6LBU140JA0B24001	4200	24	204	34	6.0	25	≥90
6LBU155JA0B24001	5300	24	204	34	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**

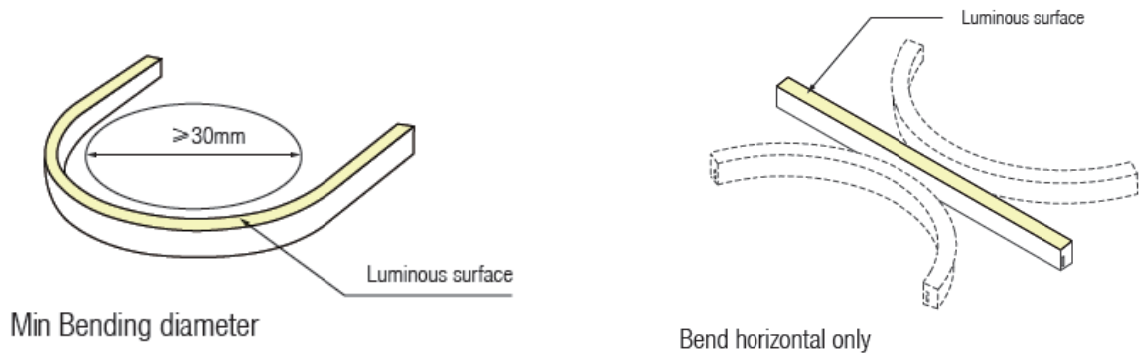
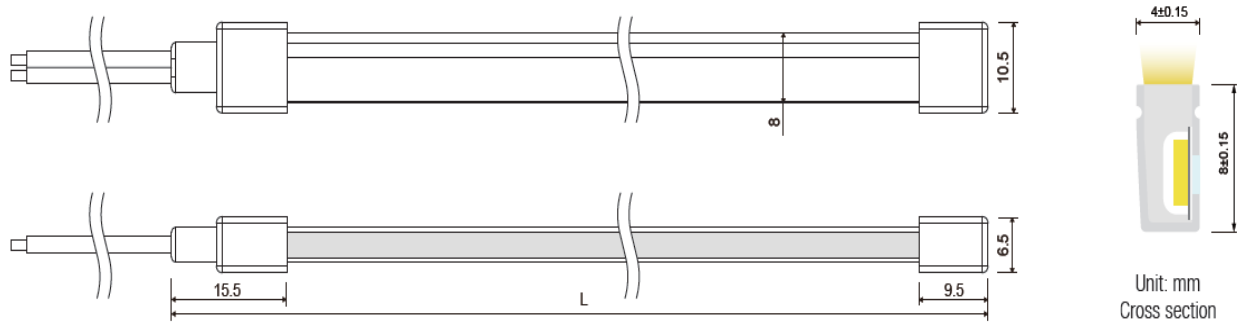
Parameter	Value	Unit
Beam characteristic	120	°
Ambient temperature range	-25~ +45	°C
Tc temperature (Max)	70	°C
Storage temperature range	-35~ +70	°C
Type of protection	IP65	
Color Temperature	2600K/3000K/4200K/5300K	
Risk group(EN62778)	1	

- Energy Efficiency Index(EU2019/2015)**

Type.	CCT(K)	Level*
6LBU127JA0B24001	2600K	G
6LBU130JA0B24001	3000K	G
6LBU140JA0B24001	4200K	G
6LBU155JA0B24001	5300K	G

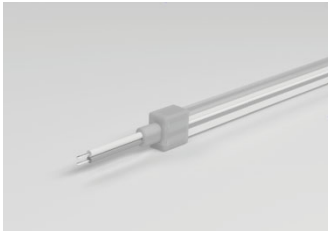

Note:*level is energy efficiency level based on the newest ERP.

Dimensions



Connector Series

Snap connector





Prat No	Picture	Describe
13CNP3000693		Front Cable Entry _24AWG_2P_300mm
13MAFT000560		Snap End Cap

Mounting Buckle

13HSLBR10561		Aluminium Mounting Clips L15×W6.5×H7.2mm+ 2 Pcs 2.3×16 Self-tapping screws
13MAFT000518		Aluminium Profile L1000×W6.5×H7.2mm

Product Packaging Information

EX:

 艾笛森光電股份有限公司 EDISON OPTO CORPORATION	
Part No : 6LBR140JK0S16001	Inspected By: 
Color : Neutral White(4000k)	
Quantity : 1 Reel (20M)	
Lot No : XXXXXXXX	 

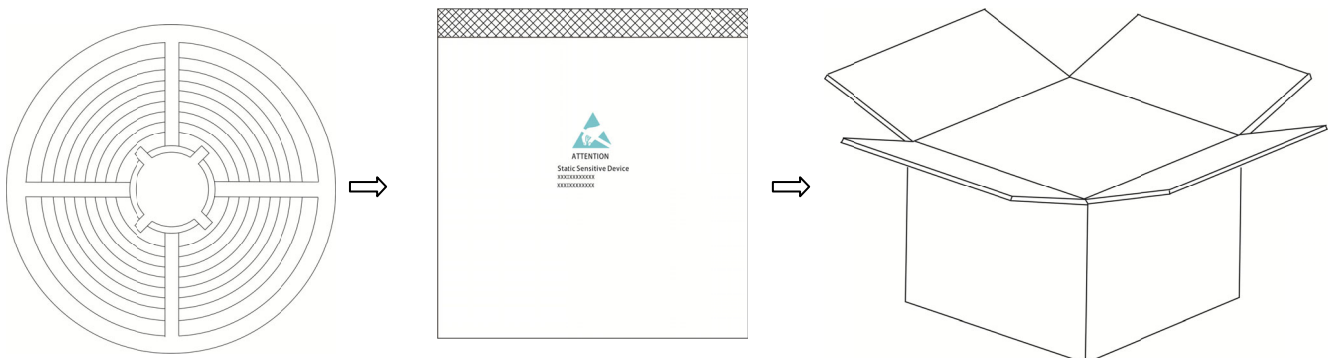
Label information

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, H2S, NH3, SO2, NOX, 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**LDMSTM** (Lighting Design Manufacturing Service) from light source to luminaire manufacturing, to serve our customers a quality experience of customized solutions.



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