

Multicolor Lightbar Series

DATASHEET

EDISON OPTO is a professional lightbar manufacturer to provide different kinds of lighting products to apply in different places such as cabinet, residential decoration and etc.



Feature

- Multi-color Temperature Dimming Pattern
- 120D/M High Density Linear Light
- 3M double-sided tape for easy mounting

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Lightbar Photometrics

- Electric-Optical Characteristics**

Model No.	CCT (K/nm)	Voltage (CV)	Luminous flux(lm/m)	Efficacy (lm/W)	Power (W/m)	LEDs	CRI(Ra)
6LBR1MWJE0N12002	3000	24	350	65	5.4	120	> 90
	Blue / 460-470		97	18	5.4		
	Red / 620-630		151	28	5.4		
	Green / 520-530		426	79	5.4		
6LBR1MNJE0N12001	4000	24	378	70	5.4	120	> 90
	Blue / 460-470		97	18	5.4		
	Red / 620-630		151	28	5.4		
	Green / 520-530		426	79	5.4		
6LBR1MCJE0N12001	5000	24	378	70	5.4	120	> 90
	Blue / 460-470		97	18	5.4		
	Red / 620-630		151	28	5.4		
	Green / 520-530		426	79	5.4		
6LBR1M1JE0N12001	Blue / 460-470	24	129	18	7.2	120	
	Red / 620-630		201	28	7.2		
	Green / 520-530		504	70	7.2		

Note:

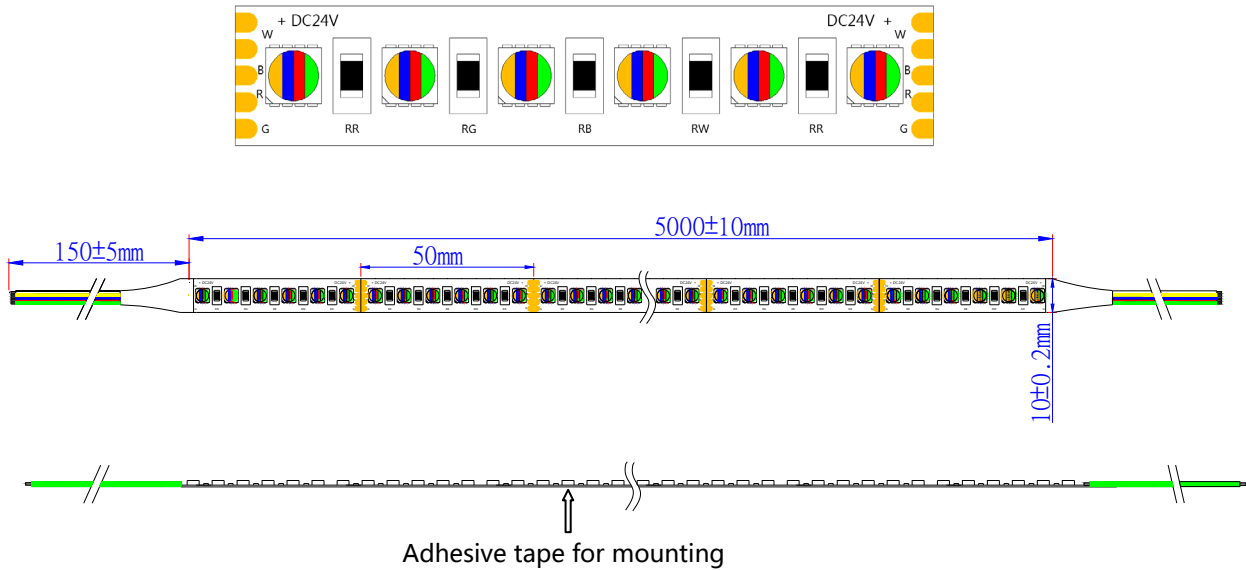
1. The maximum and minimum lumen flux are based on $\pm 10\%$ of the typical rating.
2. The maximum and minimum input power are based on $\pm 10\%$ of the typical rating.

- Technical data**

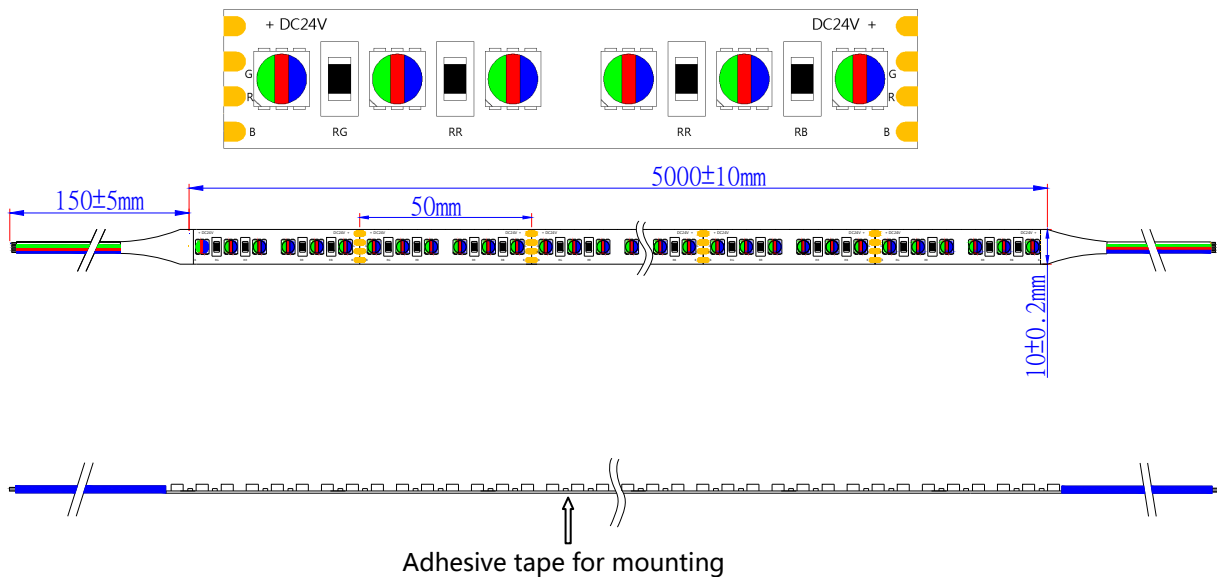
Parameter	Value	Unit
Beam characteristic	120	°
Ambient temperature range	-25~ +45	°C
Tc temperature (Max)	75	°C
Storage temperature range	-35~ +70	°C
Type of protection	IP20	
Color Temperature	RGBW / RGB	

Mechanical Dimensions

4040RGBW-24V-120D/M

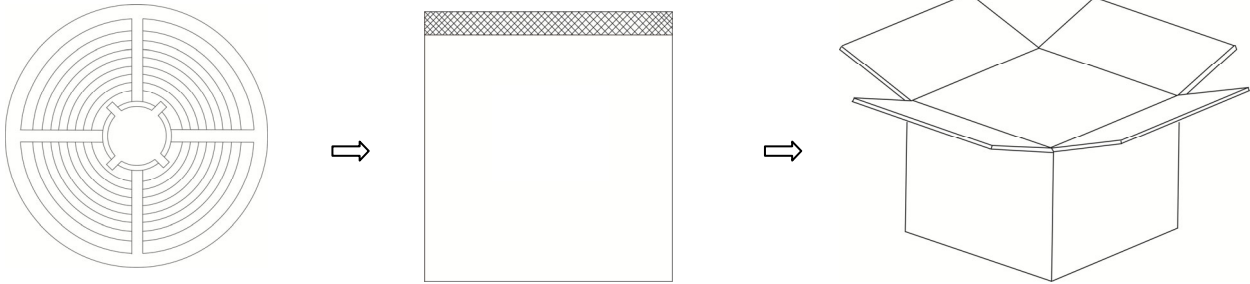


4040RGB-24V-120D/M


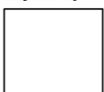



Product Packaging Information

Type	Outside Carton size(mm)	Reel Qty/Carton
4040-24V-120D/M	488*261*364	40



EX :

 艾笛森光電股份有限公司 EDISON OPTO CORPORATION	
Part No: 6LBR1M1JE0N12001	Inspected By: 
Color: RGB	
Quantity: 1 Reel (5M)	
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 Llightbar series to provide an environmentally friendly product to the customers.

Revision History

Versions	Description	Release Date
1.0	Preliminary	2023/09/01

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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