

# TPU Flexible wall washer Lightbar

## 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.



### Features

- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
- PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- It can replace the traditional hard wall washer light or LED strip. it's small in size, light in weight, flexible and easy to install.
- IP67 Waterproof





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## Lightbar Photometrics

- Electric-Optical Characteristics**

Beam angle 40°

EDISON OPTO Part NO.	CCT (K)	Voltage (CV)	Luminous flux(lm/m)	Efficacy (lm/W)	Power (W/M)	CRI(Ra)
6LBU522JE0S04801	2200	24	2240	140	16.0	> 80
6LBU527JE0S04801	2700	24	2560	160	16.0	> 80
6LBU530JE0S04801	3000	24	2560	160	16.0	> 80
6LBU540JE0S04801	4000	24	2720	170	16.0	> 80
6LBU557JE0S04801	5700	24	2720	170	16.0	> 80

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.
3. Led Color region stay within CCT  $\pm 10\%$

- Technical data**

Parameter	Value	Unit
Beam Angle	40	Degree
Ambient temperature range	-25~ +45	°C
Storage temperature range	-35~ +60	°C
Type of protection	IP67	
Color Temperature	2200-5700K	
Risk group(EN62778)	1	

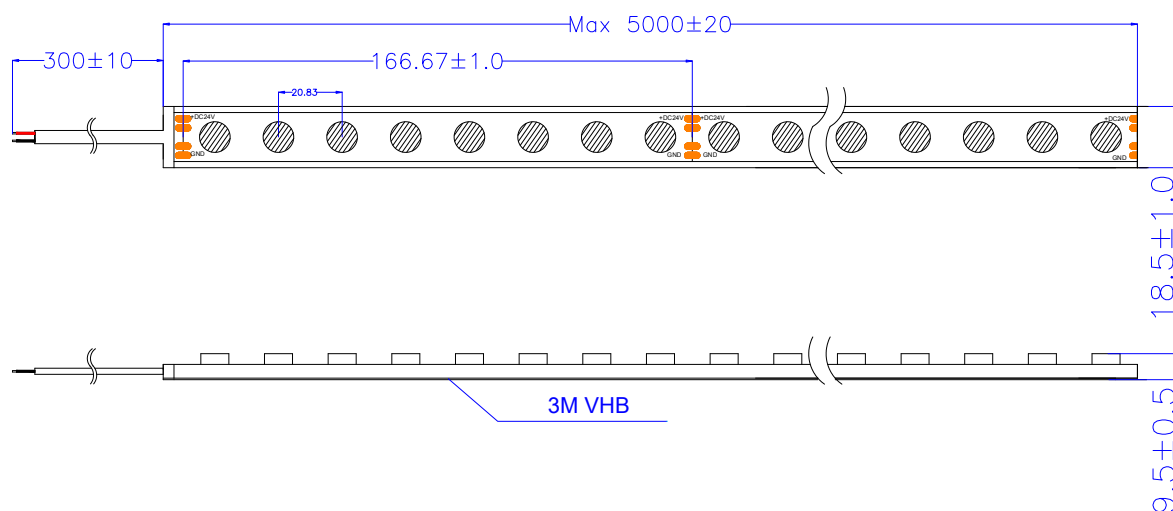
- Energy Efficiency Index (EU2019/2015)**

CCT(K)	*Level
2200	D
2700	C
3000	C
4000	B
5700	B

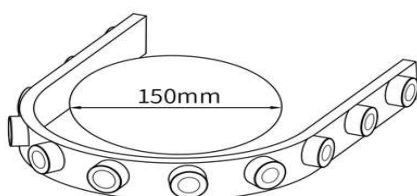
\*Note: \*level is energy efficiency level based on the newest ERP.

## Dimensions

Unit:mm

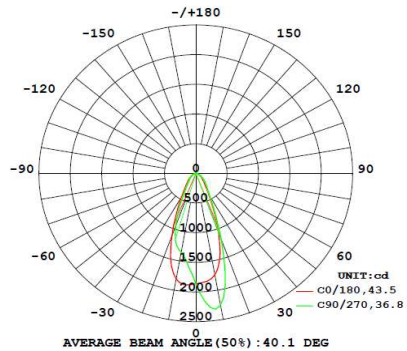


Minimum bending diameter

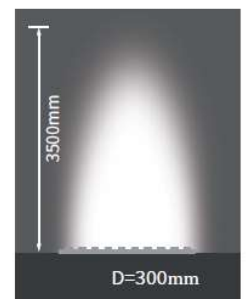
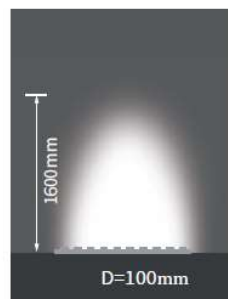
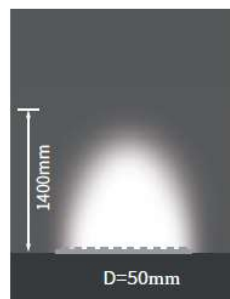
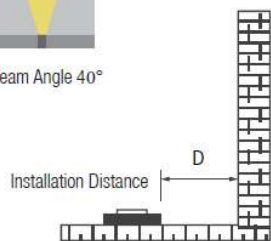


## Light Distribution Curve

Beam Angle 40°

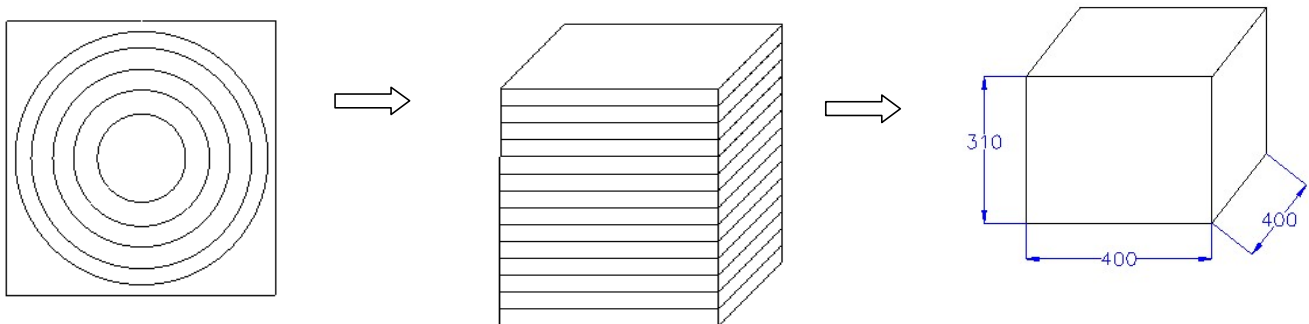


## Installation Distance/Wall Washing Height





## Product Packaging Information

Type	Inner box/carton (pcs)	Outside Carton size
TPU-24V-48D/M-5M/Reel	14	315x315x240



EX:

 艾笛森光電股份有限公司 EDISON OPTO CORPORATION	
Part No : <u>6LBR1WWJE0S14017</u>	Inspected By: <div style="border: 1px solid black; width: 60px; height: 40px; display: flex; align-items: center; justify-content: center;"> </div>
Color : <u>Warm White(3000K)</u>	
Quantity : <u>1 Reel (5M)</u>	
Lot No : <u>XXXXXX</u>	

### Label information

Part NO. : Order code

Color : Kelvin

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	2023/01/09

## 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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