

5050 Mini wallwasher 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

- 5050 LED with self beam angle
- For narrow space application. 3M backside tape for handy installation
- Wall wash for partial illumination
- Angle: White:30°; RGB: 50°



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Lightbar Photometrics

- Electric-Optical Characteristics

Beam angle 30°

EDISON OPTO Part NO.	CCT (K)	Voltage (CV)	Luminous flux(lm/m)	Efficacy (lm/W)	Power (W/M)	CRI(Ra)
6LBR127JE0M07001	2700	24	1305	87	15.0	> 90
6LBR130JE0M07001	3000	24	1350	90	15.0	> 90
6LBR140JE0M07001	4000	24	1455	97	15.0	> 90
6LBR157JE0M07001	5700	24	1455	97	15.0	> 90

Beam angle 50° (RGB)

EDISON OPTO Part NO.	Wave length (nm)	Voltage (CV)	Luminous flux(lm/m)	Efficacy (lm/W)	Power (W/M)	CRI(Ra)
6LBR1M1JE0M06016	620-630	24	180	33	5.5	/
	520-530	24	495	90	5.5	/
	465-475	24	110	20	5.5	/

Beam angle 50° (Magic RGB-SPI)

EDISON OPTO Part NO.	Wave length (nm)	Voltage (CV)	Luminous flux(lm/m)	Efficacy (lm/W)	Power (W/M)	Pixel/M
6LBR1M1JE0M06017	620-630	24	105	17.5	6.0	10
	520-530	24	330	55	6.0	
	465-475	24	85	14	6.0	

Note:

- The maximum and minimum lumen flux are based on -10%~+20%of the typical rating
- The maximum and minimum input power are based on $\pm 10\%$ of the typical rating.
- 6LBR1M1JE0M07002 lights up at the same time, Max power :12.3W $\pm 10\%$
- Led Color region stay within CCT $\pm 10\%$

- Technical data

Parameter	Value	Unit
Beam Angle	30/50	Degree
Ambient temperature range	-25~ +45	°C
Storage temperature range	-35~ +60	°C
Type of protection	IP20	
Color Temperature	2700-5700K/RGB/Magic RGB	
Risk group(EN62778)	1	

- Energy Efficiency Index (EU2019/2015)

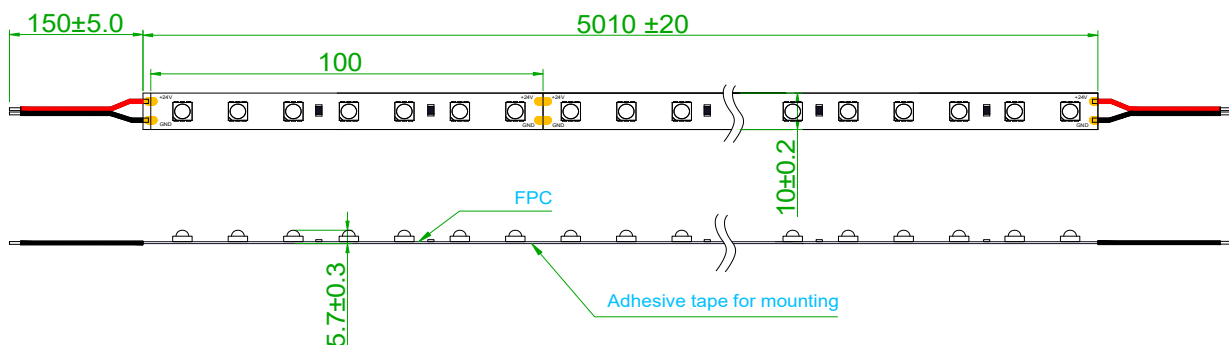
CCT(K)	*Level
2700	F
3000	F
4000	F
5700	F

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

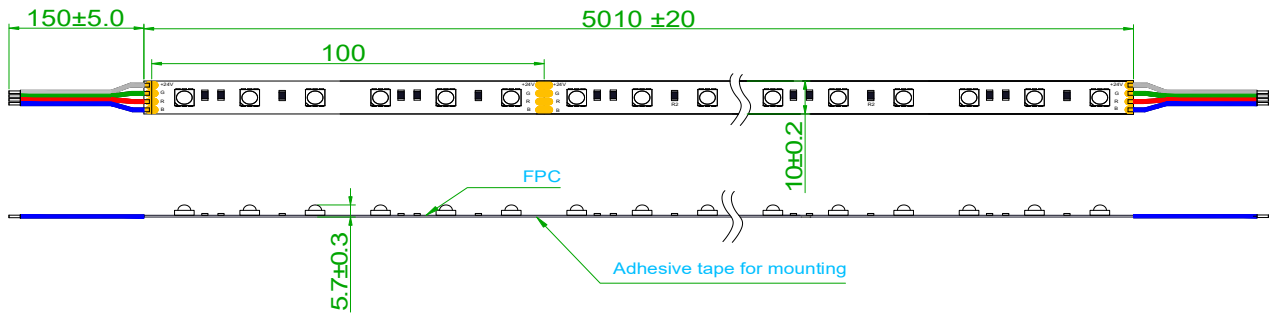
Dimensions

Unit:mm

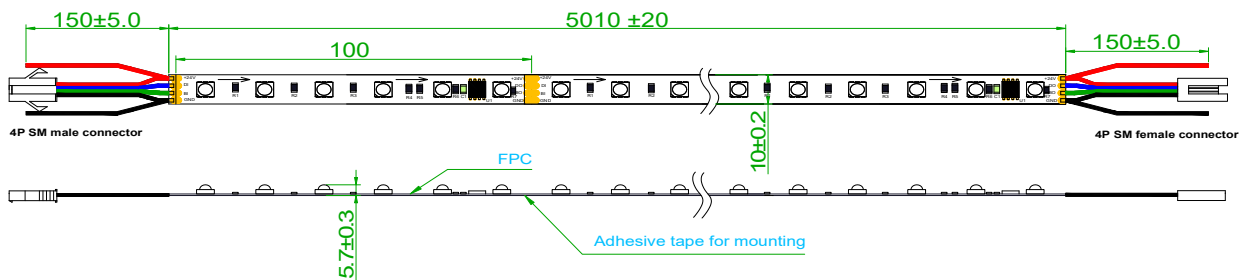
5050-24V-70D/M



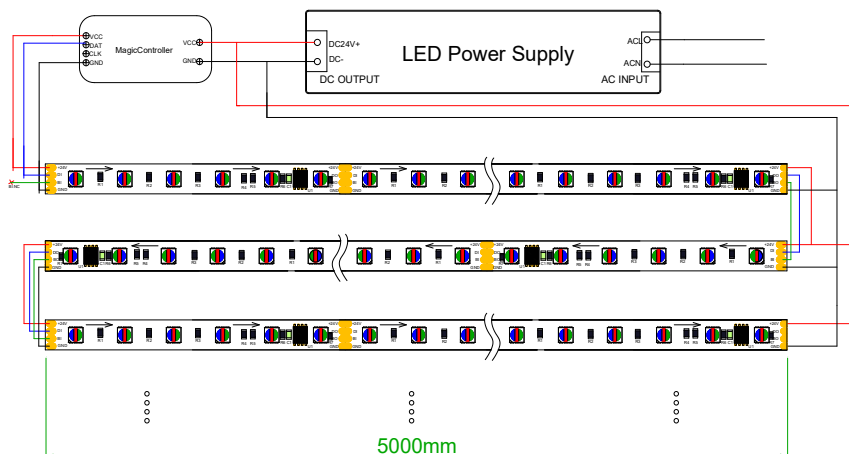
5050-24V-60D/M-RGB



5050-24V-60D/M-Magic RGB-SPI

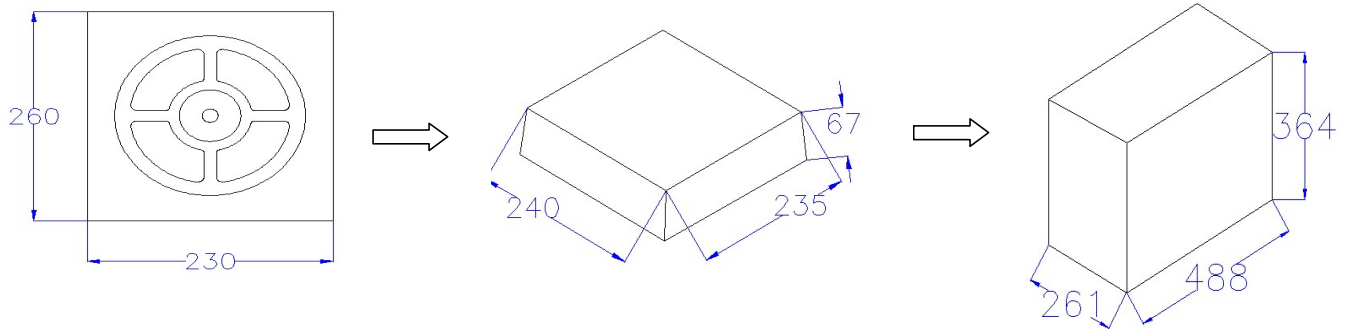


Electrical wiring diagram




Product Packaging Information

Type	Inner box/carton (pcs)	Outside Carton size
5050-24V-70D/M	10	488x261x364
5050-24V-60D/M-RGB		
5050-24V-60D/M-Magic RGB-SPI		



EX:




艾笛森光電股份有限公司
EDISON OPTO CORPORATION

Part No : 6LBR1WWJE0S14017
Inspected By:

Color : Warm White(3000K)

Quantity : 1 Reel (5M)

Lot No : XXXXXX



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, NO_x, 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 hexavalent chromium, 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	2023/08/30

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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