

Model No.	OSMC57I12KP- XXXME1E1E
REV.	1

24V 12x1W Power LED Bar

Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: OSXXXME1E1E

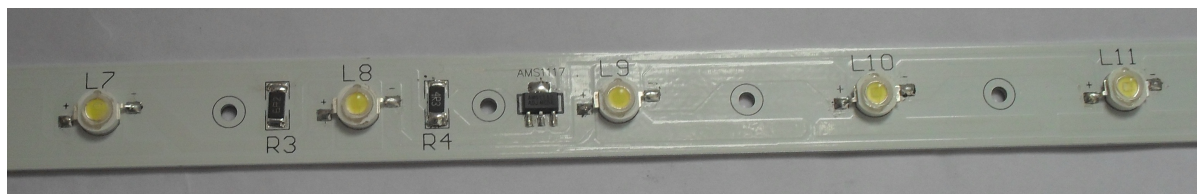
Features:

- Available in red, yellow, green, blue, white and warm white
- 12x1Watt high power led as the light source
- Wide emitting angle 140deg
- Superior ESD protection
- Superior UV resistance, no IR radiation
- Energy efficient, low power consumption
- Unique heat sinking design leds high brightness performance

Application:

- Small space lighting
- Mechanical equipment lights
- Edge - lighting of transparent or diffused materials
- Path & contour marking
- Architectural lighting, villa, restaurant, hotel, meeting room, shop, counter and so on
- To couple light into transparent or diffused glass
- Emergency/ rescue signs
- Widespread use in accessorial lights for indoors, medical, landscape
- Street lighting, architectural lighting, task lighting, general lighting

Product Picture and Dimensions:



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Device Selection Guide

Module no.	Color	Wavelength (Typ.)	Overall luminous flux
G5XME1E1E	Green	525 nm	900 lm
B5XME1E1E	Blue	470 nm	180 lm
Y5XME1E1E	Yellow	590 nm	600 lm
R5XME1E1E	Red	625 nm	600lm
M5XME1E1E	Warm White	3000K	1080 lm
W4XME1E1E	White	6500K	1200 lm

Absolute Maximum Ratings(Ta=25°C)

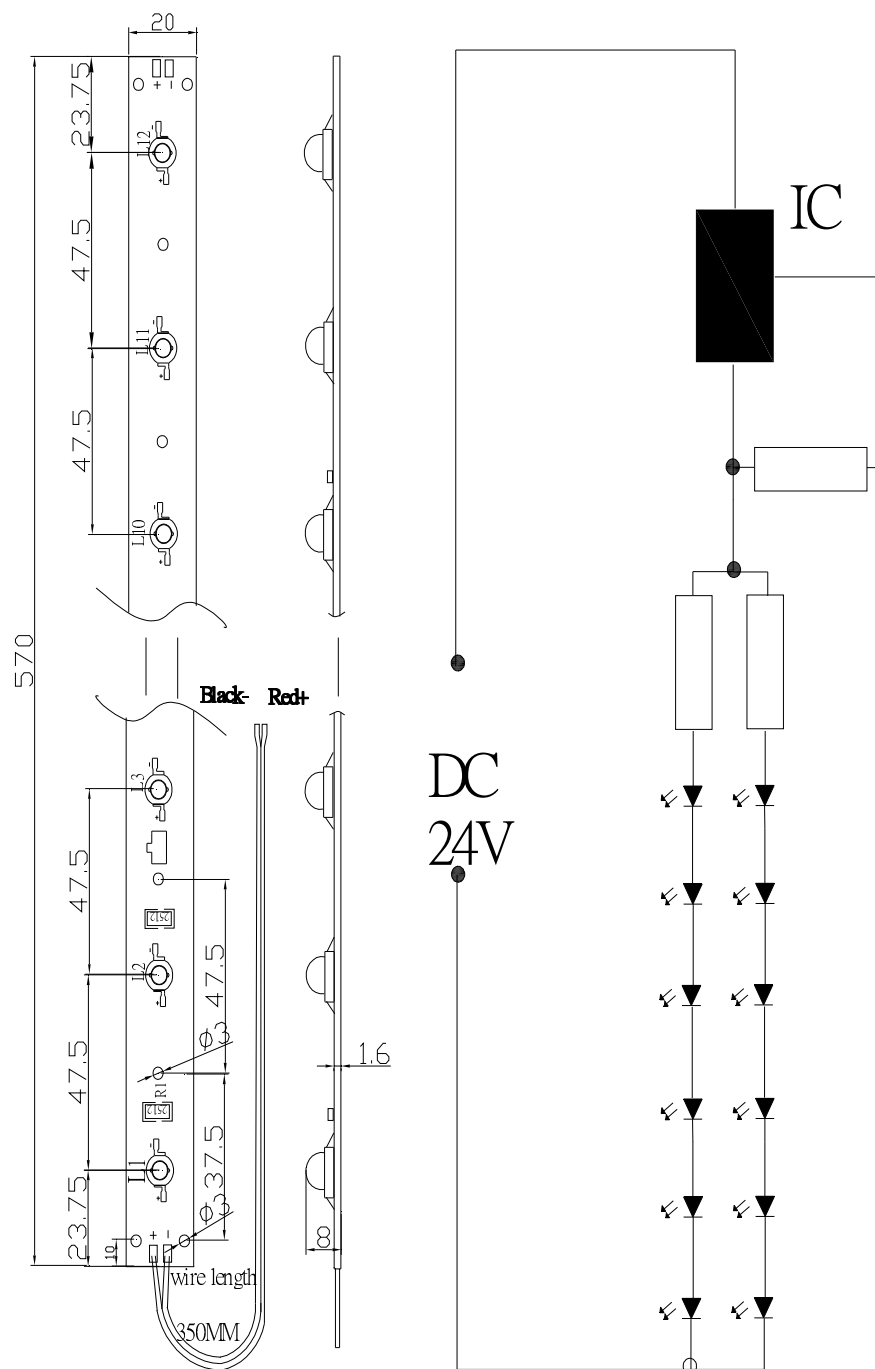
Items	Symbol	Values	Units
Operating Supply Range(DC)	V _{dc}	26	V
Input Current (DC)	I _i	0.65	A
Power Dissipation	P _a	16.9	W
Operating Temperature	T _{op}	-25 ~ +60	DegC
Storage Temperature	T _{stg}	-40~ +80	DegC

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
Input Voltage(DC)	V _i	-	24	26	V
Product Input Current	I _f	-	0.65	0.65	A
Power Dissipation	P _a		15.6	16.9	W
Beam Pattern	BP	-	140	-	Deg
LED Quantity	QTY		12		Pcs
PCB Dimension	L _{mod.}	-	570*20*1.6	-	mm
Net Weight	Wei.	---	70	---	g

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Product Dimensions and Drawing



Unit:mm

Tolerance:±1mm