



Model No.	OSMC57112GP- XXXME1C1E
REV.	C5

## 12PCS Xeon 1 Power LED With aluminum base PCB Module

### Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: XXXME1C1E

### Features:

- Available in red, yellow, green, blue, white
- Super bright
- Big emitting angle
- Superior ESD protection
- Superior UV resistance, no IR radiation
- Energy efficient, low power consumption
- Unique heat sinking design leads 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
R5XME1C1E	Red	625 nm	600lm
G5XME1C1E	Green	525 nm	900lm
B5XME1C1E	Blue	470 nm	180lm
Y5XME1C1E	Yellow	590 nm	600lm
M5XMEC1E	Warm White	X=0.45, Y=0.41	900lm
W4XME1C1E	Pure White	X=0.31, Y=0.33	1200lm

### Absolute Maximum Ratings(Ta=25 )

Items	Symbol	Values	Units
Operating Supply Range(DC)	V <sub>idc</sub>	13	V
Input Current (DC)	I <sub>i</sub>	1.6	A
Power Dissipation	P <sub>a</sub>	16.8	W
Operating Temperature	T <sub>ope</sub>	-25 ~ +60	DegC
Storage Temperature	T <sub>stg</sub>	-40~ +80	DegC

### Typical Performance (Ta=25 )

Items	Symbol	Min.	Typ.	Max.	Units
Input Voltage(DC)	V <sub>i</sub>	-	12	13	V
Product Input Current	I <sub>f</sub>	-	1.4	1.6	A
Power Dissipation	P <sub>a</sub>		16.8	20.8	W
Beam Pattern	BP	-	120	-	Deg
LED Quantity	QTY		12		PCS
Size of PCB	L <sub>mod.</sub>	-	570*20*1.6	-	mm
Net Weight	Wei.	---	9.5	---	g

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**Product Dimensions And Drawing**

