



<b>Model No.</b>	<b>OSMW12C60GP-XXXXZ2C1D-X</b>
<b>REV.</b>	<b>C0</b>

## PRODUCT SPECIFICATION FOR **LED Light Module**

### Descriptions:

- Low power consumption, high intensity
- Long life, easy installation
- Voltages available 12VDC/AC
- LED model number: OSXXXXZ2C1D

### Features:

- Available in red, orange, yellow, green, blue, white, etc
- Directly use on DC/AC
- Low power consumption, high intensity, long life
- Excellent beam control, energy saving

### Application:

- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Substitute neon light
- Automobile light

### Product Picture:





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## Device Selection Guide

Module No.	Color	Dom. Wavelength (Typ.)	Luminous Flux (Typ.)
OSR5MAZ2C1D-X	Red	624±5nm	118lm
OSY5MAZ2C1D-X	Yellow	590±5nm	89lm
OSG5DAZ2C1D-X	Green	525±5nm	136lm
OSB5SAZ2C1D-X	Blue	470±5nm	66lm
OSO5MAZ2C1D-X	Orange	605±5nm	92.5lm
OSM5DLZ2C1D-X	Warm White	X=0.45 ; Y=0.41	160lm
OSW5DLZ2C1D-X	White	X=0.27 ; Y=0.28	238lm

## Absolute Maximum Ratings(Ta=25 )

Items	Symbol	Values	Units
Operating Supply Range(DC/AC)	V <sub>dc</sub>	14	V
Input Current (DC/AC)	I <sub>i</sub>	900	MA
Power Dissipation	P <sub>a</sub>	12.9	W
LED Light Source Temperature	T <sub>led</sub>	105	DegC
Operating Temperature	T <sub>ope</sub>	-10 ~ +40	DegC
Storage Temperature	T <sub>sto</sub>	-20 ~ +80	DegC

## Typical Performance (Ta=25 )

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	---	7.2	12.6	W
Input Voltage(DC/AC)	V <sub>i</sub>		12	14	V
Product Input Current	I <sub>f</sub>		600	900	mA
Beam Pattern	BP	---	120	---	Deg
Total Diameter of PCB	D <sub>PCB</sub>	---	120	---	mm
Net Weight	Wei.	---	65	---	g

LED & Application Technologies



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### Product Dimensions:

