



<b>Model No.</b>	OSMW12C60KP-TCMBS4C1A
<b>REV.</b>	C1

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

### Descriptions:

- Low power consumption, high intensity
- Long life, easy installation
- Voltages available DC24V
- LED Model Number: OSTCMBS4C1A

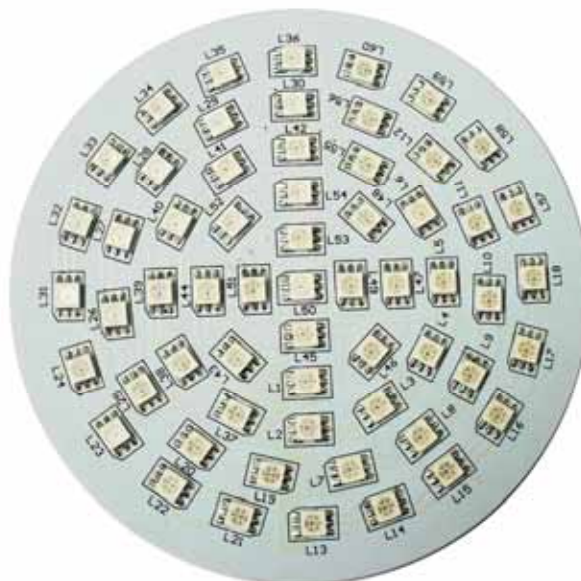
### Features:

- Available in red, green, blue
- Directly use on DC
- 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:





<b>Model No.</b>	OSMW12C60KP-TCMBS4C1A
<b>REV.</b>	C1

### Device Selection Guide:

Module No.	Color	Dom. Wavelength (Typ.)	Intensity/ Per LED (Typ.)
OSTCMBS4C1A	Red	625nm	1000mcd
	Green	525±5nm	1120mcd
	Blue	470±5nm	400mcd

### Absolute Maximum Ratings(Ta=25 )

Items	Symbol	Values	Units
Operating Supply Range(DC/AC)	V <sub>idc</sub>	26	V
Input Current (DC/AC)	I <sub>i</sub>	900	mA
Power Dissipation	P <sub>a</sub>	23.4	W
LED Light Source Temperature	T <sub>led</sub>	105	DegC
Operating Temperature	T <sub>ope</sub>	-30 ~ +85	DegC
Storage Temperature	T <sub>sto</sub>	-40 ~ +100	DegC

### Typical Performance (Ta=25 )

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	---	14.4	23.4	w
Input Voltage(DC/AC)	V <sub>i</sub>		24	26	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.	---	45	---	g



<b>Model No.</b>	OSMW12C60KP-TCMBS4C1A
<b>REV.</b>	C1

**Product Dimensions:**

UNIT:MM  
Tolerance:±0.5

