

Model No.	OSWORGB
REV.	C5

PRODUCT SPECIFICATION FOR RGB Waterproof Light

Descriptions:

- LED Waterproof Light, **IP67**
- Long life, easy installation
- Voltages available 12VDC
- This is common anode to drive
- LED Type: SMD LED, 5.0x5.0mm, 120deg

Features:

- Available in red, green, blue, etc
- Directly use on line voltage
- Low power consumption, high intensity
- Energy saving
- Excellent beam control
- Long life

Application:

- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building's contour
- Substitute neon light

Product Picture:



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Device Selection Guide

Module No.	Color	Dom. Wavelength (Typ.)	Intensity / Per LED (Typ.)
OSWORGB	Red	625±5nm	500 mcd
	Green	525±5nm	1120 mcd
	Blue	470±5nm	400 mcd

Absolute Maximum Ratings(Ta=25)

Items	Symbol	Values	Units
Operating Supply Range(DC)	V _{dc}	14	V
Input Current (DC)	I _i	0.9	A
Power Dissipation	P _a	12.6	W
LED Light Source Temperature	T _{led}	105	DegC
Operating Temperature	T _{ope}	-10 ~ +40	DegC
Storage Temperature	T _{sto}	-20 ~ +80	DegC

Typical Performance (Ta=25)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m	-	7.2	12.6	w
Input Voltage(DC)	V _i	-	12	14	V
Product Input Current	I _f	-	0.6	0.9	A
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	L _{mod.}	-	1000	-	mm
LED Quantity of Every Meter	OTY	-	30	-	PCS
Net Weight	Wei.	---	42	---	g

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Product Dimensions:

