Model No.	OSWMXX
REV.	C5

PRODUCT SPECIFICATION FOR **LED Waterproof Light**

Descriptions:

- LED Waterproof Light, **IP68**
- Long life, easy installation
- Voltages available 12VDC
- LED Type: SMD LED, 5.0x5.0mm, 120deg

Features:

- Available in red, orange, yellow, green, blue, white, 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.)
OSWMR5	Red	625±5nm	1120 mcd
OSWMO5	Orange	605±5nm	1120 mcd
OSWMY5	Yellow	590±5nm	1120 mcd
OSWMG5	Green	525±5nm	3000 mcd
OSWMB5	Blue	470±5nm	1560 mcd
OSWMW5	White	X=0.27 ; Y=0.28	7000 mcd
OSWMM5	Warm White	X=0.45 ; Y=0.41	5000 mcd
OSWMK5	Pink	X=0.45 ; Y=0.17	1900 mcd

Absolute Maximum Ratings(Ta=25℃)

Items	Symbol	Values	Units
Operating Supply Range(DC)	Vidc	14	V
Input Current (DC)	Ii	0.9	A
Power Dissipation	Pa	12.6	W
LED Light Source Temperature	Tled	105	DegC
Operating Temperature	Tope	-10 ~ +40	DegC
Storage Temperature	Tsto	-20 ~ +80	DegC

Typical Performance (Ta=25℃)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	Pm	-	7.2	12.6	w
Input Voltage(DC)	Vi	-	12	14	V
Product Input Current	If	-	0.6	0.9	A
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	Lmod.	-	1000	-	mm
LED Quantity of Every Meter	OTY	-	30	-	PCS
Net Weight	Wei.	---	70	---	g

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Product Dimensions:



