Model No.	OSCBXX
REV.	C1

PRODUCT SPECIFICATION FOR 1meter **LED Waterproof Light**

Descriptions:

- LED Waterproof Light, **IP68**
- Long life, easy installation
- Voltages available 12VDC
- LED Model Number: OSXXXXS1C1A
- LED Type: SMD LED, 3.5x2.8mm, 120deg

Features:

- Available in red, orange, yellow, green, blue, white
- 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:



Device Selection Guide

Module No.	Color	Dom. Wavelength (Typ.)	Intensity / Per LED (Typ.)
OSCBR5	Red	625±5nm	350 mcd
OSCBO5	Orange	605±5nm	350 mcd
OSCBY5	Yellow	590±5nm	350 mcd
OSCBG5	Green	525±5nm	1120 mcd
OSCBB5	Blue	470±5nm	400 mcd
OSCBW5	White	X=0.27 ; Y=0.28	1900 mcd
OSCBM5	Warm White	X=0.45 ; Y=0.41	1250 mcd
OSCBK5	Pink	X=0.45 ; Y=0.17	380 mcd

Absolute Maximum Ratings(Ta=25℃)

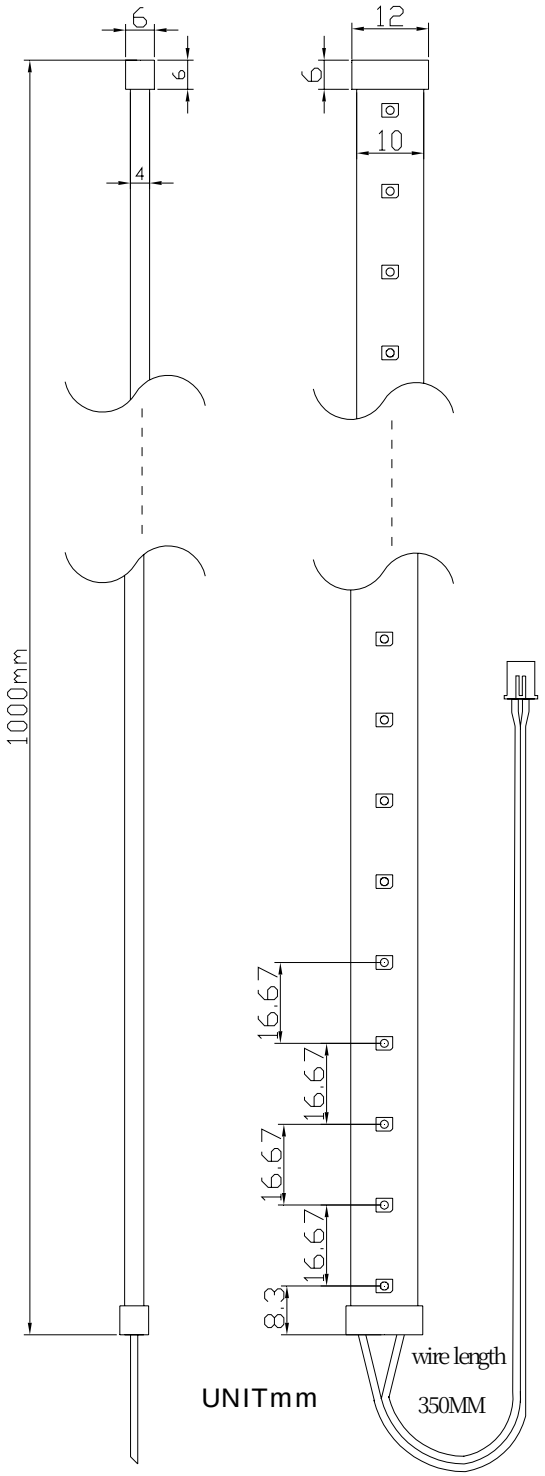
Items	Symbol	Values	Units
Operating Supply Range(DC)	Vidc	14	V
Input Current (DC)	Ii	600	mA
Power Dissipation	Pa	8.4	W
LED Light Source Temperature	Tled	105	DegC
Operating Temperature	Tope	-10 ~ +40	DegC
Storage Temperature	Tsto	-20 ~ +80	DegC

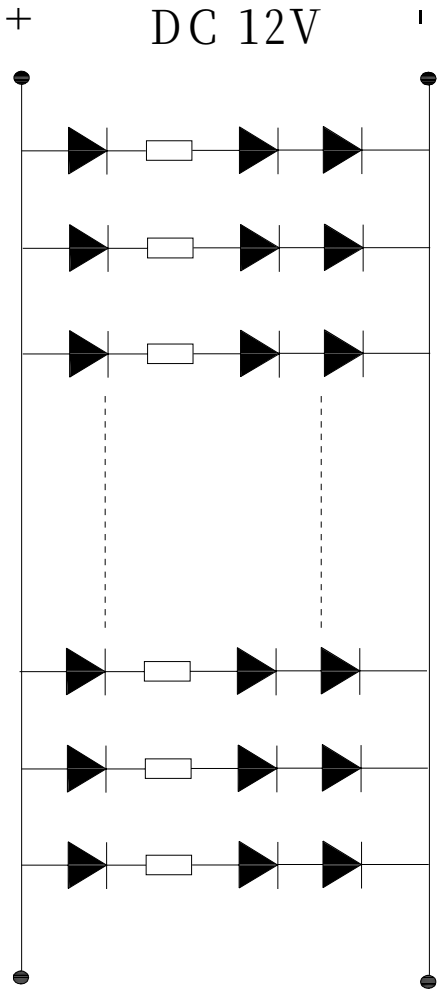
Typical Performance (Ta=25℃)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	Pm	-	4.8	8.4	W
Input Voltage(DC)	Vi	-	12	14	V
Product Input Current	If	-	400	600	mA
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	Lmod.	-	1000	-	mm
LED Quantity of Every Meter	QTY	-	60	-	PCS
Net Weight	Wei.	---	60	---	g

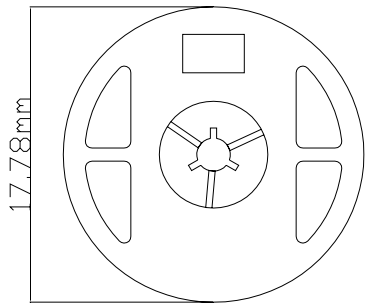
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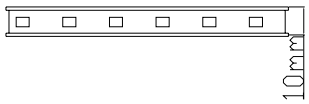
Product Dimensions:





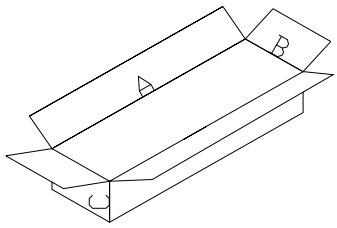
Product Packing Instruction:





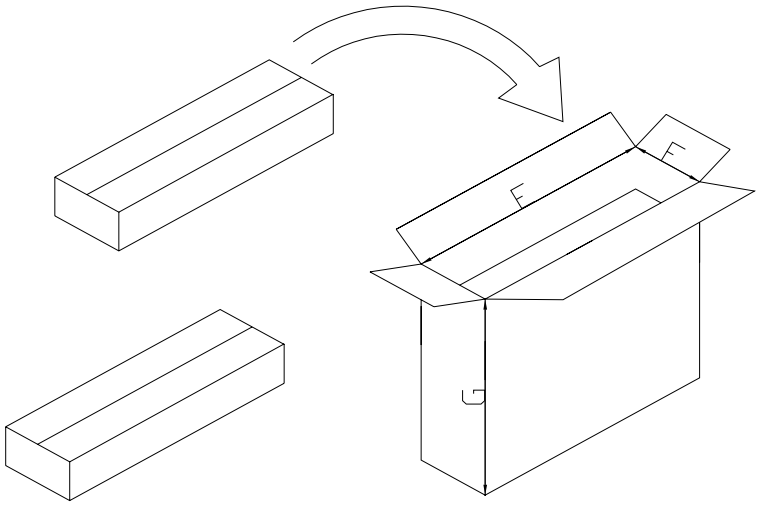
Unit: mm

A	475±10
B	235±10
C	105±5



Package: Box
5M/ Roll
15 Roll/ Box

Packaging methods: 5 Boxes/ Carton



Unit: mm

E	490±10
F	250±10
G	560±10

3.1 There are 5 Boxes in carton, totally 75 Roll/ Box
3.2 The dimension of outer carton is 490*250*560mm