

Model No.	OSPRO2X2-VXYLS1C1A
REV.	C1

## PRODUCT SPECIFICATION FOR **12V UV Module**

### Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: OSVXYLS1C1A
- Voltages Available 12VDC
- 24PCS 3528 SMD
- MCPCB

### Features:

- issued a high-energy ultraviolet I
- No heat radiation
- Big emitting angle
- Energy-saving and environmental friendly
- Long life

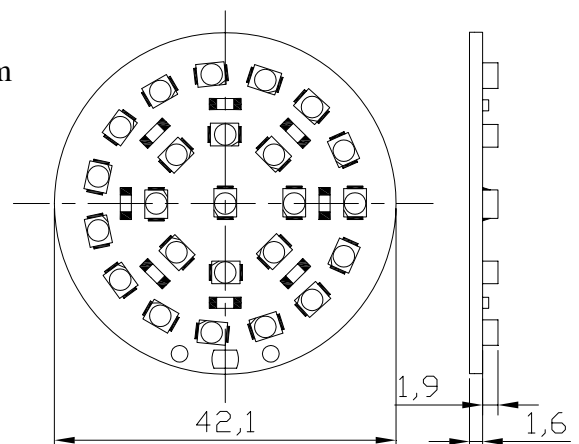
### Application:

- Photovoltaic industry
- Beauty treatment
- Medical treatment
- mineral composition detection
- crime scene investigation
- Mechanical equipment lights
- Back lighting
- Other lighting
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### Product Picture and Dimensions



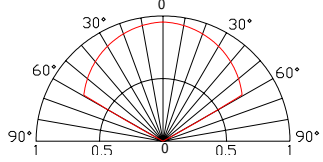
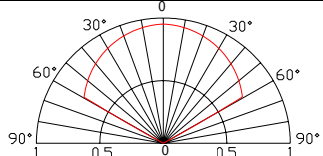
Unit: mm  
Tolerance:  $\pm 0.3\text{mm}$





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### Device Selection Guide

Module No.	Wavelength (Typ.)	Radiant Flux / Per LED module(Typ.)	LED Module Beam Angle	Pattern
V6YLS1C1A	415±5nm	120mW	120 degree	
V4YLS1C1A	395±5nm	120mW	120 degree	

### Absolute Maximum Ratings(Ta=25 )

Items	Symbol	Values	Units
Operating Supply Range(DC)	V <sub>idc</sub>	14	V
Input Current (DC)	I <sub>i</sub>	200	mA
Power Dissipation	P <sub>a</sub>	2.8	W
Operating Temperature	T <sub>op</sub>	-10 ~ +60	DegC
Storage Temperature	T <sub>stg</sub>	-20 ~ +80	DegC

### Typical Performance (Ta=25 )

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	-	1.92	2.8	w
Input Voltage(DC)	V <sub>i</sub>	-	12	14	V
Product Input Current	I <sub>f</sub>	-	160	200	mA
Beam Pattern	BP	-	120	-	Deg
LED Quantity	QTY	-	24	-	PCS
Total Diameter of PCB	L <sub>mod.</sub>	-	42.1	-	mm
Net Weight	Wei.	-	5	-	g



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Product Circuit:

