

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

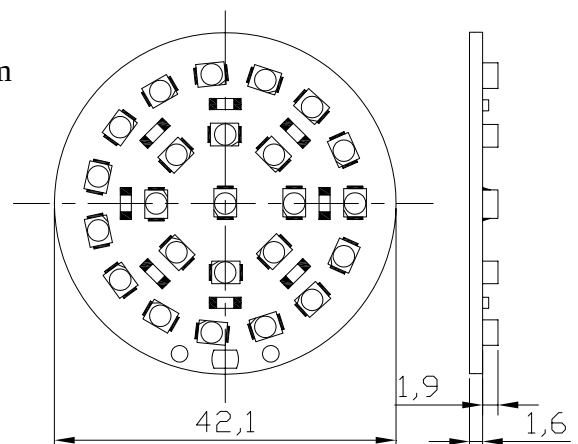
Application:

- Photovoltaic industry
- Beauty treatment
- Medical treatment
- mineral composition detection
- crime scene investigation
- Mechanical equipment lights
- Back lighting
- Other lighting
-

Product Picture and Dimensions

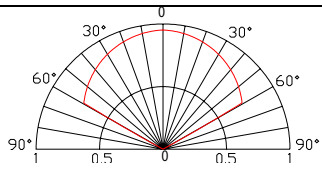
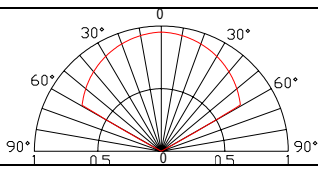


Unit: mm
Tolerance: $\pm 0.3\text{mm}$



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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°C)

Items	Symbol	Values	Units
Operating Supply Range(DC)	V _{idc}	14	V
Input Current (DC)	I _i	200	mA
Power Dissipation	P _a	2.8	W
Operating Temperature	T _{op}	-10 ~ +60	DegC
Storage Temperature	T _{stg}	-20 ~ +80	DegC

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m	-	1.92	2.8	W
Input Voltage(DC)	V _i	-	12	14	V
Product Input Current	I _f	-	160	200	mA
Beam Pattern	BP	-	120	-	Deg
LED Quantity	QTY	-	24	-	PCS
Total Diameter of PCB	L _{mod.}	-	42.1	-	mm
Net Weight	Wei.	-	5	-	g



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Product Circuit:

