



Model No.	OSPRO2X1-XXXXS1C1A
REV.	C2

PRODUCT SPECIFICATION FOR **LED Light Module**

Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: OSXXXXS1C1A
- Voltages Available 12VDC
- 24PCS 3528 SMD
- MCPCB

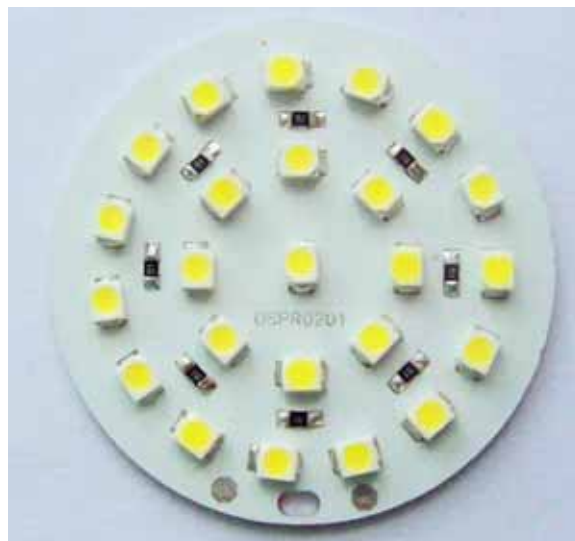
Features:

- Available in red, yellow, green, blue, white and more
- Super bright
- Big emitting angle
- Energy saving
- Long life

Application:

- Small space lighting
- Mechanical equipment lights
- Back lighting
- Other lighting

Product Picture:





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Device Selection Guide

Module No.	Color	Dom. Wavelength(Typ.)	Condition	Luminous Flux / Per LED(Typ.)
R5PAS1C1A	Red	625±5nm	IF=20mA	1.5 lm
O5GAS1C1A	Orange	605±5nm	IF=20mA	1.5 lm
Y5PAS1C1A	Yellow	590±5nm	IF=20mA	1.5 lm
G5DAS1C1A	Green	525±5nm	IF=20mA	3.0 lm
B5SAS1C1A	Blue	470±5nm	IF=20mA	1.0 lm
W44LS1C1A	White	X=0.31 ; Y=0.33	IF=20mA	7.0 lm
M54LS1C1A	Warm White	X=0.45 ; Y=0.41	IF=20mA	6.0 lm
K5DLS1C1A	Pink	X=0.45 ; Y=0.17	IF=20mA	0.5 lm

Absolute Maximum Ratings(Ta=25)

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 _{ope}	-10 ~ +60	DegC
Storage Temperature	T _{stg}	-20 ~ +80	DegC

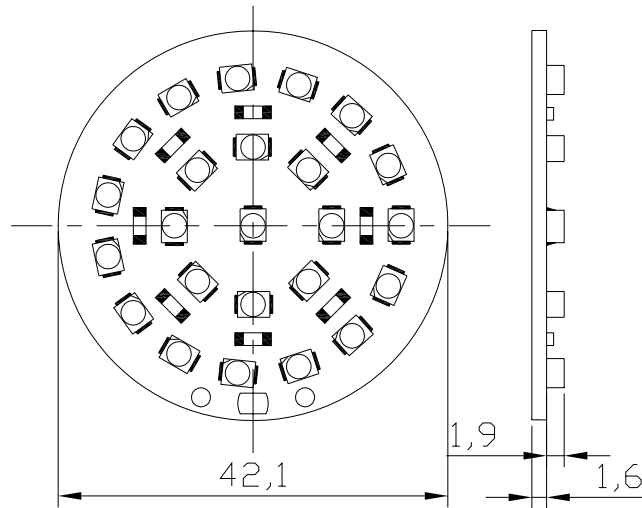
Typical Performance (Ta=25)

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
Total Diameter of PCB	L _{mod.}	-	42.1	-	mm
Net Weight	Wei.	-	5	-	g



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Product Dimensions and Circuit:



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

