

Model No.	OSG43305J-R1W4
REV.	C2

PRODUCT SPECIFICATION FOR **G4 LED LIGHTING Module**

Descriptions:

- Low power consumption, high Intensity
- Long life, easy installation
- Voltages available DC15.5V
- LED: OSW44EZ4E1P (white), OSR5MDZ4E1P (red)

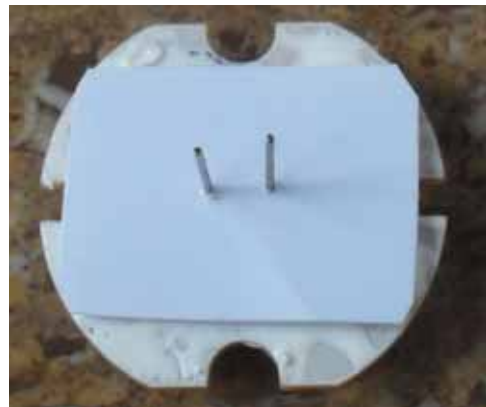
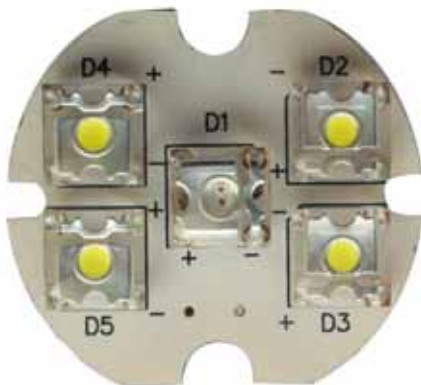
Features:

- Available in red, white
- Directly use on DC
- Low power consumption, high intensity, long life
- Excellent beam control, energy saving

Application:

- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building's contour
- Substitute neon light
- Down light

Product Picture:





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Device Selection Guide

LED	Color	Nos. of LED/Module	Dom. Wavelength /Color temperature (Typ.)	Luminous Flux /Module(Typ.)
OSR5MDZ4E1P	Red	1Pc	624±3nm	120 lm
OSW44EZ4E1P	White	4 Pcs	X=0.31, y=0.33 6500K	

Absolute Maximum Ratings(Ta=25)

Items	Symbol	Values	Units
Operating Supply Range(DC)	V _{idc}	18	V
Input Current (DC)	I _i	120	mA
Power Dissipation	P _a	2.16	W
LED Light Source Temperature	T _{led}	105	DegC
Operating Temperature	T _{ope}	-30 ~ +85	DegC
Storage Temperature	T _{sto}	-40 ~ +100	DegC

Typical Performance (Ta=25)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m	---	1.4	2.16	w
Input Voltage(DC)	V _i	15	15.5	18	V
Product Input Current	I _f		90	120	mA
Beam Pattern	BP	---	60	---	Deg
Color Rendering Index	R _a	-	90	-	
LED Quantity	QTY	---	5	-	Pcs
PCB Diameter	D _{PCB}	---	33	---	mm
Net Weight	Wei.	---	5	---	g

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Product Dimensions:

Unit: mm Tolerance: ± 0.5

