

Model No.	OEMC28J09G6-RGB
Ver.	1

9 x 1W RGB Power LED Bar

Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: OSR5XZE1E1E, OSG5XZE1E1E, OSB5XZE1E1E

Features:

- High power output
- Big emitting angle
- Low power consumption
- Unique heat sinking design leads high brightness performance
- Excellent beam control

Application:

- Small space lighting
- Mechanical equipment lights
- Edge - lighting of transparent or diffused materials
- Path & contour marking
- Architectural lighting, restaurant, hotel, meeting room, shop, counter
- Widespread use in accessory lights for indoors, medical, landscape.
- Street lighting, architectural lighting, task lighting, general lighting

Product Picture:



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Device Selection Guide

Module No.	LEDS.	Color	Wavelength (Typ.)	Overall Luminous Flux
OEMC28J09G6- RGB	R5XME1E1E	Red	625±5nm	150lm
	G5XME1E1E	Green	525±5nm	225lm
	B5XME1E1E	Blue	470±5nm	45lm

Absolute Maximum Ratings(Ta=25°C)

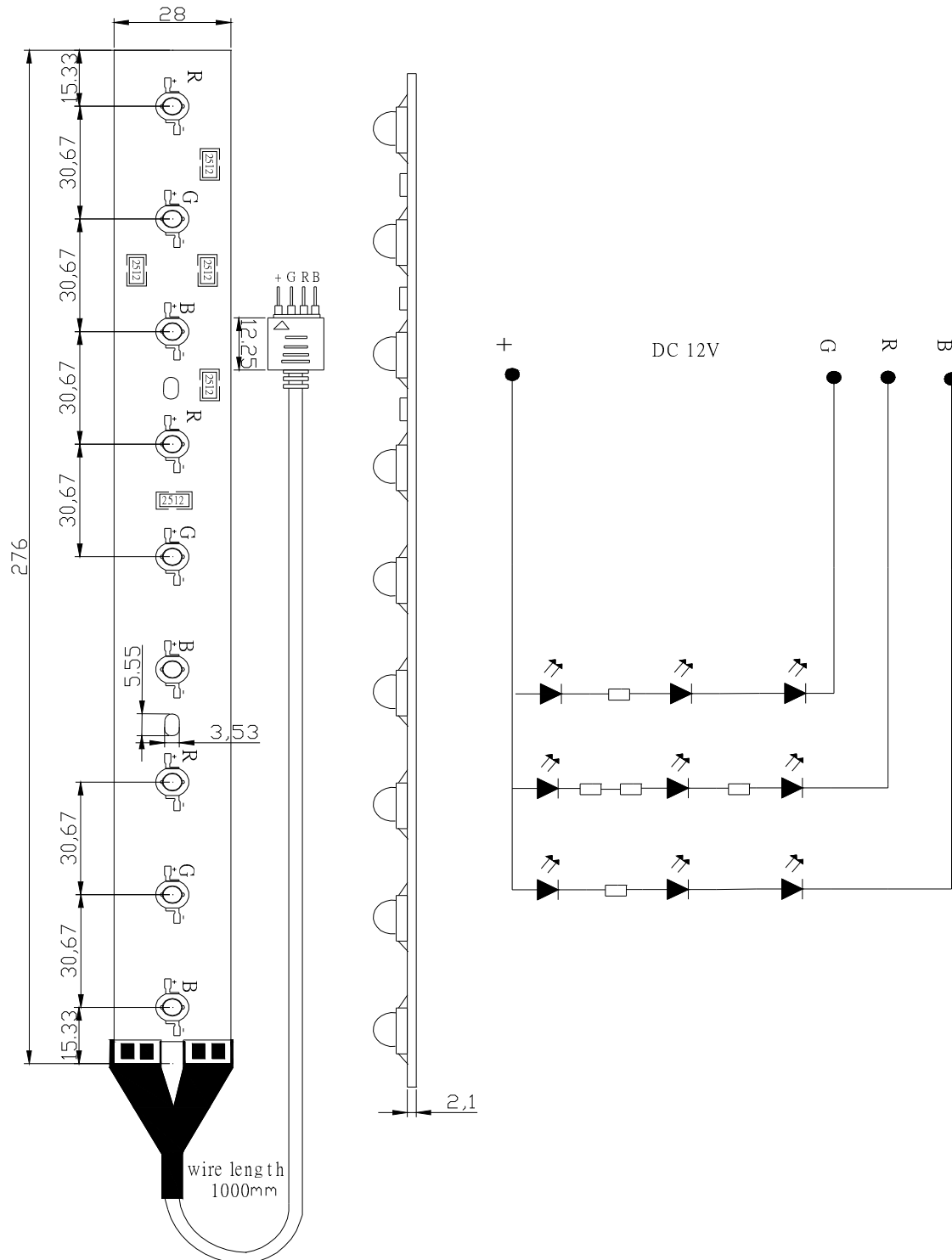
Items	Symbol	Values	Units
Operating supply range(DC)	V _{dc}	13	V
Input Current (DC)	I _i (Red)	0.4	A
	I _i (Green)	0.4	A
	I _i (Blue)	0.4	A
Power Dissipation	P _a (Red)	5.2	W
	P _a (Green)	5.2	W
	P _a (Blue)	5.2	W
Operating Temperature	T _{ope}	-25 ~ +60	Deg C
Storage Temperature	T _{stg}	-40~ +80	Deg C

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
Input Voltage(DC)	V _i	-	12	13	V
Product Input Current	I _f (Red)	-	0.35	0.4	A
	I _f (Green)		0.35	0.4	A
	I _f (Blue)		0.35	0.4	A
Power Dissipation	P _a (Red)		4.2	5.2	W
	P _a (Green)		4.2	5.2	W
	P _a (Blue)		4.2	5.2	W
Beam Pattern	BP		140		Deg
LED Quantity	QTY		9		PCS
Size of PCB	L mod.		276*28*2.1		mm

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Product Dimensions and Circuit Diagram



Unit:mm

Tolerance:±0.2