



# LUXEON 5052 RGBW

## RGBW 4-in-1 versatile package



The LUXEON 5052 RGBW is a 4-in-1 package that makes color tuning easier. Each channel is individually addressable, enabling a large color gamut while simplifying the ability of getting just the right color point.

### FEATURES AND BENEFITS

RGBW 4-in-1 module

5.0mm x 5.2mm

Individually control each channel

### PRIMARY APPLICATIONS

Wall Grazer

Linear

Wall Wash

Decorative

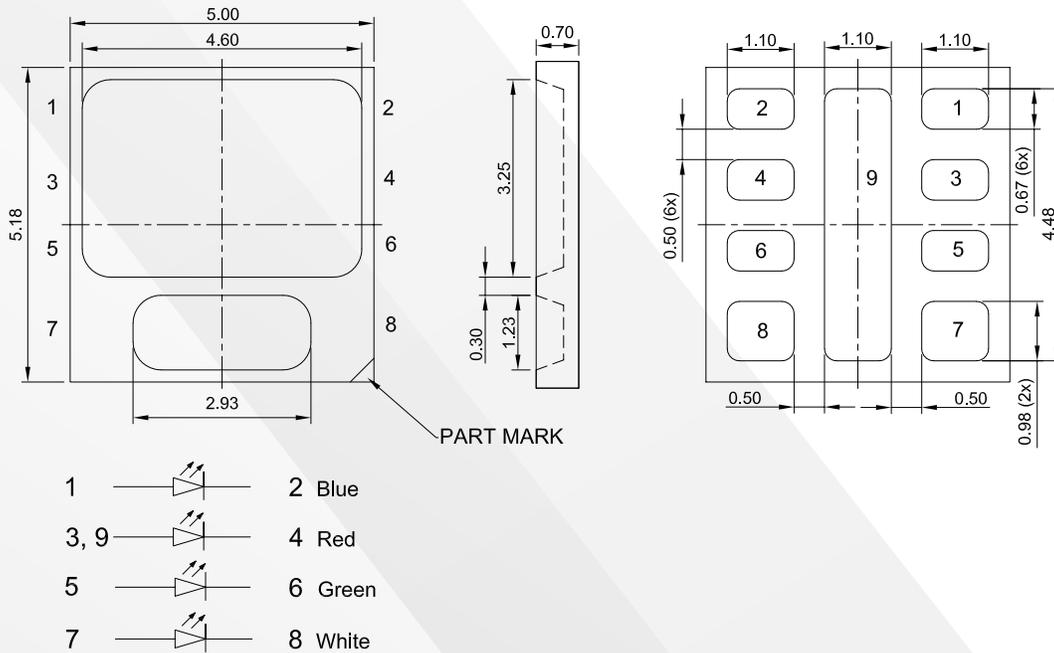
LUXEON 5052 RGBW product performance at 120mA, T<sub>j</sub>=25°C.

COLOR	DOMINANT WAVELENGTH <sup>[1]</sup> (nm)		LUMINOUS FLUX <sup>[2]</sup> (lm)		PART NUMBER
	MINIMUM	MAXIMUM	MINIMUM	TYPICAL	
Red	618	625	15	18	
Green	520	535	30	38	
Blue	465	480	7	12	L1MC-RGB2290500MP0
Royal Blue	460	465	6	7.5	L1MC-RGB2780500MP0
White (2200K, 90CRI)	—	—	36	40	L1MC-RGB3080500MP0
White (2700K, 80CRI)	—	—	48	52	L1MC-RGB4080500MP0
White (3000K, 80CRI)	—	—	48	53	L1MC-RGU4080500MP0
White (4000K, 80CRI)	—	—	53	57	L1MC-RGB5080500MP0
White (5000K, 80CRI)	—	—	53	57	L1MC-RGB6570500MP0
White (6500K, 70CRI)	—	—	53	59	L1MC-RGU6570500MP0

Notes:

1. Lumileds maintains a tolerance of ±1nm on dominant wavelength measurements.
2. Lumileds maintains a tolerance of ±7.5% on luminous flux measurements.

Mechanical Dimensions.



Notes:

1. Drawings are not to scale.
2. All dimensions are in millimeters.