



LUXEON MultiColor Module 2.5W

RGBW 4-in-1 versatile package



The LUXEON MultiColor Module 2.5W 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

5mm x 5mm

Individually control each channel

PRIMARY APPLICATIONS

Wall Grazer

Linear

Wall Wash

Decorative

LUXEON MultiColor Module 2.5W product performance at 120mA, T=25°C.

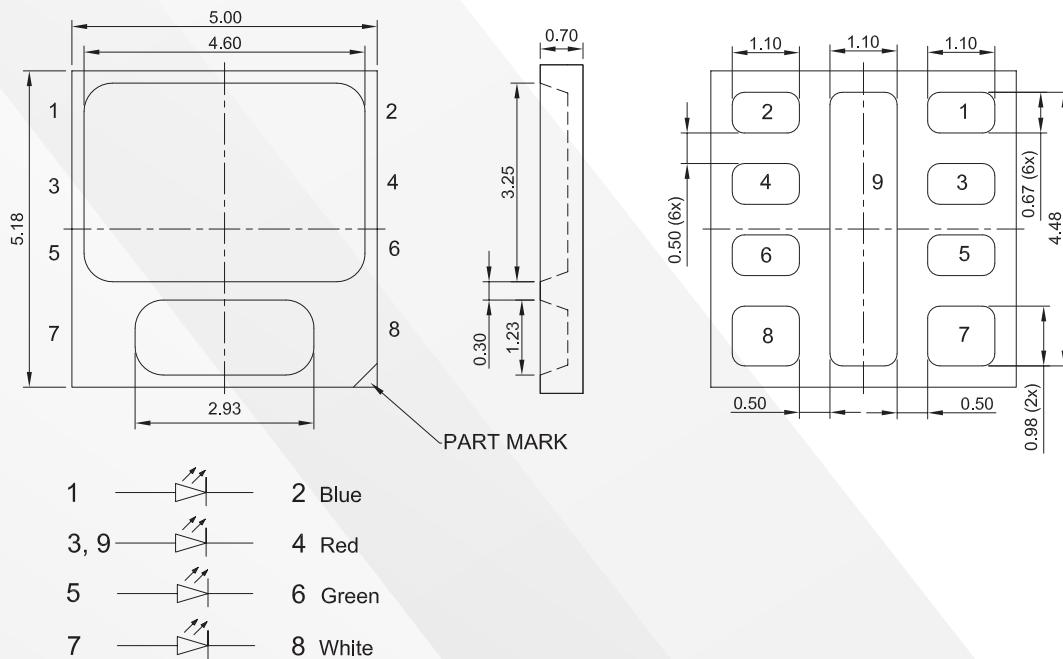
| COLOR | DOMINANT WAVELENGTH ^[1] (nm) | | LUMINOUS FLUX ^[2] (lm) | | PART NUMBER |
|----------------------|---|---------|-----------------------------------|---------|--------------------|
| | MINIMUM | MAXIMUM | MINIMUM | TYPICAL | |
| Red | 618 | 625 | 15 | 18 | |
| Green | 520 | 535 | 30 | 38 | |
| Blue | 465 | 480 | 7 | 12 | L1MC-RGB2290500MPO |
| Royal Blue | 460 | 465 | 6 | 7.5 | L1MC-RGB2780500MPO |
| White (2200K, 90CRI) | — | — | 36 | 40 | L1MC-RGU3080500MPO |
| White (2700K, 80CRI) | — | — | 48 | 52 | L1MC-RGB4080500MPO |
| White (3000K, 80CRI) | — | — | 48 | 53 | L1MC-RGU4080500MPO |
| White (4000K, 80CRI) | — | — | 53 | 57 | L1MC-RGB5080500MPO |
| White (5000K, 80CRI) | — | — | 53 | 57 | L1MC-RGB6570500MPO |
| White (6500K, 70CRI) | — | — | 53 | 59 | |

Notes:

1. Lumileds maintains a tolerance of $\pm 1\text{nm}$ on dominant wavelength measurements.

2. Lumileds maintains a tolerance of $\pm 7.5\%$ on luminous flux measurements.

Mechanical Dimensions.



Notes:

1. Drawings are not to scale.

2. All dimensions are in millimeters.