



LUXEON 3528 RGB

Flexible and versatile 3-in-1 package



LUXEON 3528 is the perfect RGB package for indoor, architectural, and decorative applications. Its very compact, low profile package – only 1.75mm – can manage up to 0.5W of power and has an IPX8 water resistant rating. Each of the three color channels can be individually addressed and controlled. It pairs perfectly with LUXEON 2835 Architectural white LEDs for additional color changing options.

FEATURES AND BENEFITS

RGB 3-in-1 package

Compact size - just 3.5mm x 2.8mm x 1.75mm is perfect for linear, flexible, and shaped applications

Individually control each channel

IPX8 water resistant rating

PRIMARY APPLICATIONS

Wall Grazer

Linear

Wall Wash

Landscape Lighting

Decorative

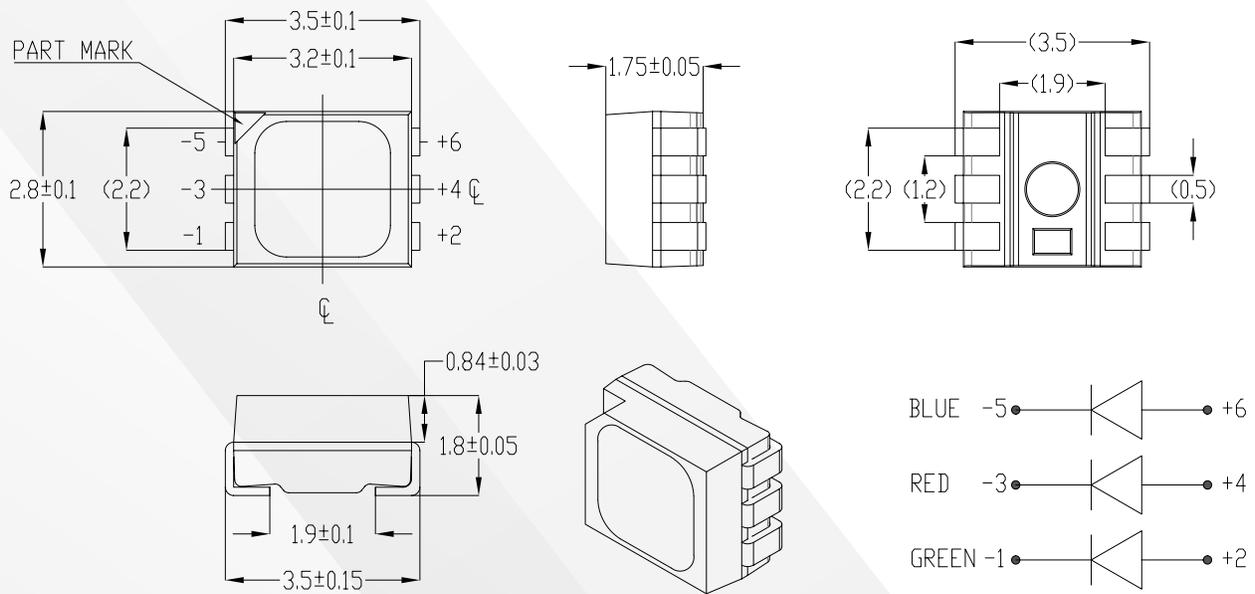
LUXEON 3528 RGB product performance at 20mA, T_j=25°C.

COLOR	DOMINANT WAVELENGTH ^[1] (nm)		LUMINOUS FLUX ^[2] (lm)		PART NUMBER
	MINIMUM	MAXIMUM	MINIMUM	TYPICAL	
Red	619	625	2.7	3.4	L1MC-RGB0028000MP0
Green	520	530	7.0	9.0	
Blue	465	475	1.5	1.9	

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.