

ILLUMINATION





LUXEON 3528 RGB

Flexible and versatile 3-in-1 package



LUXEON 3258 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 \times 2.8mm \times 1.75mm is perfect for linear, flexible, and shaped applications
Individually control each channel
IPX8 water resistant rating

PRIMARY APPLICATIONS

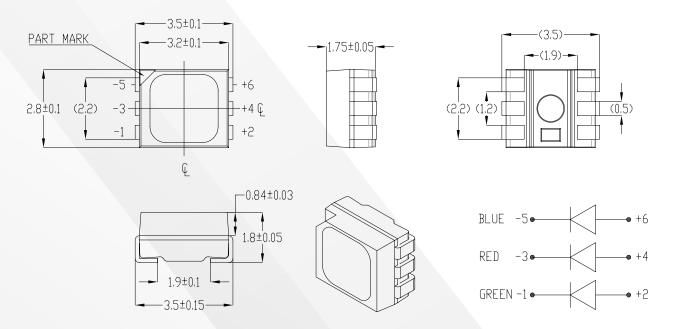
Wall Grazer
Linear
Wall Wash
Landscape Lighting
Decorative

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

COLOR	DOMINANT WAVELENGTH [1] (nm)		LUMINOUS FLUX [2] (Im)		PART
	MINIMUM	MAXIMUM	MINIMUM	TYPICAL	NUMBER
Red	619	625	2.7	3.4	
Green	520	530	7.0	9.0	L1MC-RGB0028000MP0
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:

- Drawings are not to scale.
 All dimensions are in millimeters.

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