







# **LUXEON 3535L Color Line**

Color LEDs that deliver the perfect amount of color you need. No more. No less.



The LUXEON 3535L Color Line enables a new era of color lighting. This robust color line provides high performance and is targeted at cost effective designs. Complemented by a broad range of white offerings, the LUXEON 3535L Color Line enables RGBW applications. This product line extends the comprehensive LUXEON Color Family.

# **FEATURES AND BENEFITS**

Industry standard package enables drop-in replacement for existing 3535 packages

Single die and single source architecture for optical control

Common focal length with LUXEON Rebel and LUXEON Z Color LEDs

Full color palette for a wider spectrum range

# **PRIMARY APPLICATIONS**

Architectural & Entertainment

Lamps

- Color Tunable Illumination

**Specialty Lighting** 

- Emergency Vehicle
- Signage

LUXEON 3535L Color Line product performance at 100mA, T<sub>i</sub>=25°C.

COLOR	DOMINANT or PEAK WAVELENGTH [1] (nm)		LUMINOUS FLUX <sup>[2]</sup> (lm) or RADIOMETRIC POWER <sup>[3]</sup> (mW)		PART NUMBER
	MINIMUM	MAXIMUM	MINIMUM	TYPICAL	NOWIDER
Red	620	630	10.0	13.5	L135-R625003500000
Red-Orange	610	620	13.0	15.5	L135-O615003500000
PC Amber	-	-	24.0	35.0	L135-A589003500000
Lime	-	-	44.0	56.0	L135-L567003500000
Green	520	540	21.0	35.0	L135-G525003500000
Blue	469	480	8.2	11.0	L135-B475003500000
Royal Blue	440	455	130	155	L135-U450003500000

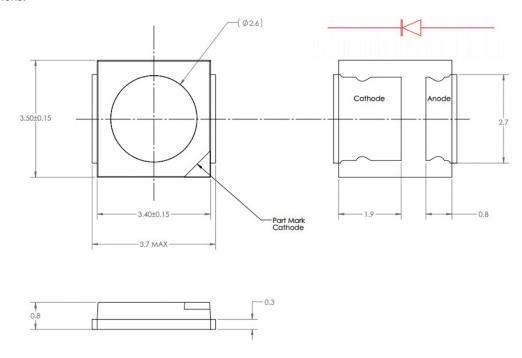
#### Notes:

- 1. Lumileds maintains a tolerance of ±1nm on dominant wavelength measurements. PC Amber and Lime are binned by chromaticity coordinates. Royal Blue is binned by peak wavelength. All other colors are binned by dominant wavelength.
- Lumileds maintains a telerince by commant wavelength.

  Lumileds maintains a tolerance of ±7.5% on luminous flux measurements.

  Royal Blue is binned by radiometric power. All other colors are binned by luminous flux.

### Mechanical Dimensions.



## Notes:

- Drawings are not scale.
- All dimensions are in millimeters.
  Tolerance of ±0.1mm for all measurements.

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