



# 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

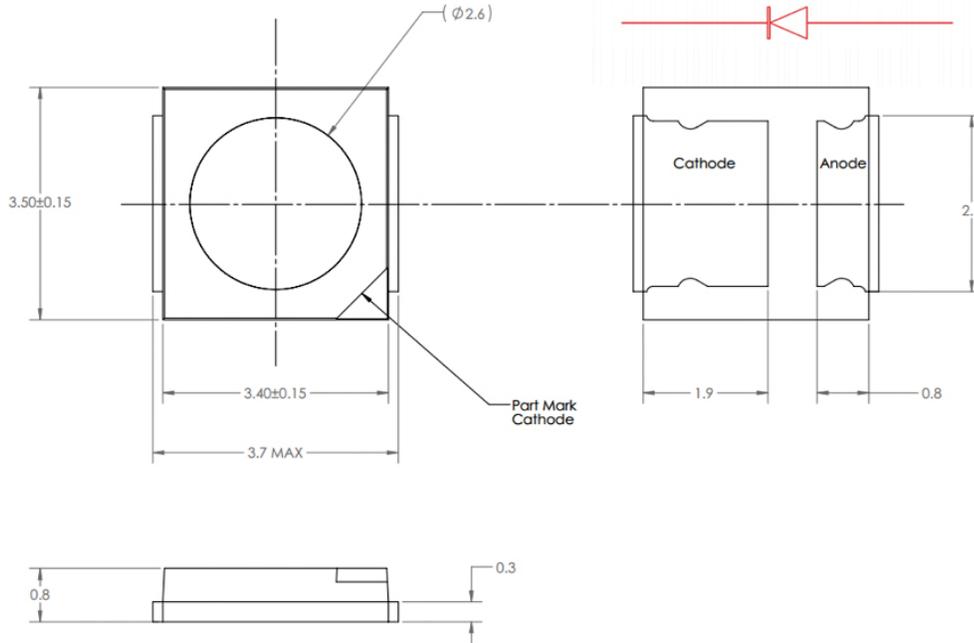
LUXEON 3535L Color Line product performance at 100mA, T<sub>j</sub>=25°C.

COLOR	DOMINANT or PEAK WAVELENGTH <sup>[1]</sup> (nm)		LUMINOUS FLUX <sup>[2]</sup> (lm) or RADIOMETRIC POWER <sup>[3]</sup> (mW)		PART NUMBER
	MINIMUM	MAXIMUM	MINIMUM	TYPICAL	
Red	620	630	10.0	13.5	L135-R625003500000
	620	630	10.0	15.0	L135-R6250R3500000
Red-Orange	610	620	13.0	15.5	L135-O615003500000
	610	620	13.0	20.0	L135-O6150R3500000
PC Amber	-	-	24.0	41.5	L135-A589003500000
Lime	-	-	44.0	64.0	L135-L567003500000
Green	520	540	21.0	36.5	L135-G525003500000
Blue	469	480	8.2	12.5	L135-B475003500000
Royal Blue	440	455	130	160	L135-U450003500000

Notes:

- 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 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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