



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

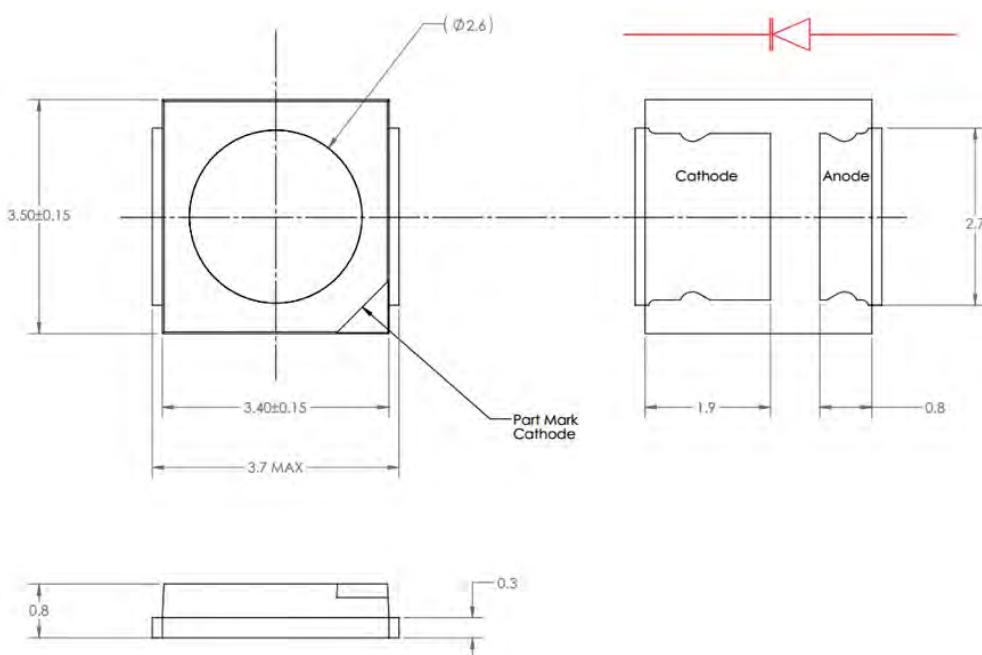
LUXEON 3535L Color Line product performance at 100mA, $T_j=25^\circ\text{C}$.

COLOR	DOMINANT or PEAK WAVELENGTH ^[1] (nm)		LUMINOUS FLUX ^[2] (lm) or RADIOMETRIC POWER ^[3] (mW)		PART NUMBER
	MINIMUM	MAXIMUM	MINIMUM	TYPICAL	
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 $\pm 1\text{nm}$ 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.
2. Lumileds maintains a tolerance of $\pm 7.5\%$ on luminous flux measurements.
3. Royal Blue is binned by radiometric power. All other colors are binned by luminous flux.

Mechanical Dimensions.



Notes:

1. Drawings are not scale.
2. All dimensions are in millimeters.
3. Tolerance of $\pm 0.1\text{mm}$ for all measurements.