



# 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

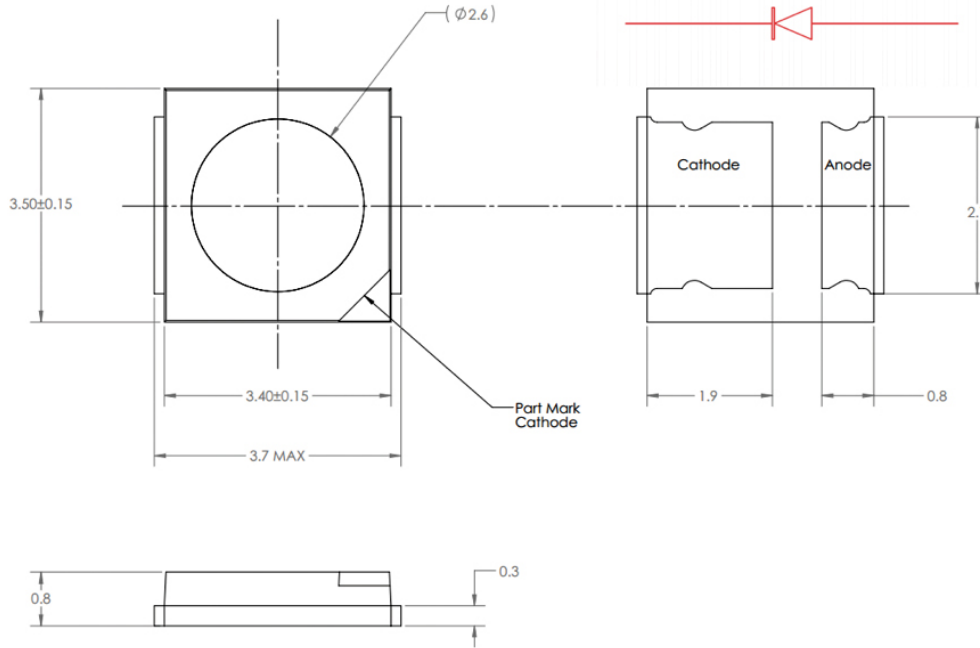
LUXEON 3535L Color Line product performance at 100mA, T<sub>j</sub>=25°C.

| 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   | 15.0    | L135-R6250R3500000 |
| Red-Orange | 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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