






# Illumination Color Line Card

A complete color spectrum for a variety of architecture and entertainment applications

The LUXEON LED Color Portfolio provides a variety of market leading LEDs with a broad range of vibrant colors for entertainment, stage lighting, indoor and outdoor architectural lighting, emergency vehicle lighting, remote phosphor applications and a wide spectrum of specialty lighting applications. The LUXEON Color LED family provides reliability and high performance targeted at cost effective designs, where never before seen lumen density, color stability and design freedom gives designers an endless palette of colors to work with, adding interest, dimension, and liveliness to all your lighting projects.

## Color Product Portfolio



Product	Available Colors												
	Far Red	Deep Red	Red	Red-Orange	Amber	PC Amber	Mint	Lime	Green	Cyan	Blue	Royal Blue	White
LUXEON 3535L Colors													
LUXEON C Colors													
LUXEON Rebel Colors													
LUXEON Z Colors													

# Illumination Color Product Portfolio

Product	Description	Features and Benefits
<b>LUXEON 3535L Color Line</b> <i>Color LEDs that deliver the perfect amount of color you need. No more. No less.</i> 	<p>All the benefits of the LUXEON Color LED Family, including the industry's best phosphor-converted Amber and Lime, in an industry standard package</p>	<ul style="list-style-type: none"> <li>• Same focal length as other LUXEON Color Lines—optically compatible for simpler design cycles</li> <li>• Color palette plus 3V White portfolio on the same footprint</li> <li>• Unique phosphor-converted PC Amber and Lime colors provide unrivaled maximum performance</li> <li>• Industry standard package enables drop-in replacement for existing 3535 packages</li> <li>• Single die and single source architecture for optical control</li> <li>• Full color palette for a wider spectrum range</li> </ul>
<b>LUXEON C Color Line</b> <i>Multiple colors, a single focal length</i> 	<p>Revolutionary high power portfolio designed for the greatest system-level performance</p>	<ul style="list-style-type: none"> <li>• One focal length allows flawless color mixing, maximum optical efficiency and removes halos</li> <li>• Low dome design eliminates trade-offs between flux and source size</li> <li>• Hot tested—removes guesswork for designers</li> <li>• Industry's lowest thermal resistance means greater light output and lower heatsink costs</li> <li>• Small symmetrical 2x2mm<sup>2</sup> package enables dense packing and limits the impact of rotation during reflow</li> </ul>
<b>LUXEON Rebel Color Line</b> <i>High flux and efficacy on industry's most widely used color platform</i> 	<p>Highest efficacy colors in the trusted Rebel footprint</p>	<ul style="list-style-type: none"> <li>• Faster time to market—fully developed ecosystem available</li> <li>• Full color palette for a wider spectrum range</li> <li>• Highest efficacy available for colors allows for lower power consumption</li> <li>• High flux and leading hot and cold performance for saturated colors</li> </ul>
<b>LUXEON Z Color Line</b> <i>High power color LEDs in a micro footprint package for ultimate design flexibility</i> 	<p>The world's smallest high power LED, undomed for precise optical control</p>	<ul style="list-style-type: none"> <li>• Broad selection spanning 440–670nm, including a unique Lime color</li> <li>• 1.7 x 1.3mm footprint enables unique arrangements in space constrained applications</li> <li>• 4-up RGBW pixel in 9.5mm<sup>2</sup>—four colors in less area than one regular high power color emitter</li> <li>• Undomed design allows better optical management</li> <li>• Enables customizable light sources: linear, rectangular, circular</li> </ul>

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