



APPLICATION SOLUTIONS BROCHURE

You make architectural lighting.

We'll make your architectural lighting
shine — with high color density, design
flexibility and a broad color palette.

Architectural Lighting

Energizing your venue with vivid colors



Spots / Floods

High lumen output capable of rapid and extreme changes of mood and effect

Application Requirements

- High lumen output in a directional application
- Broad color gamut including saturated colors and white light
- Excellent beam control
- Fast on/off cycle times
- Efficiency and reliability

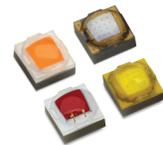


Lumen Output

Maximize lumen output in over 20 colors



LUXEON C

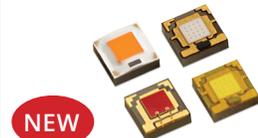


High Punch

Maximize punch, narrow beam angles in over 20 colors



LUXEON CZ



Integrated Solution

Fully assembled light engine with optimized color, V_f , and flux specs



LUXEON Matrix Platform



LUXEON Quality of Light



Architecture Lighting Design

Wall Wash / Linear (Batten)

Energizing your venue with vivid colors

Application Requirements

- Broad color gamut including saturated colors and white light
- Range of wide to narrow beam angles enabling a variety of light distributions
- Capable of throwing light short or long distances depending on the structure
- Beam control to minimize light pollution and light trespass
- Efficiency, reliability, and robustness



Lumen Output

Maximize lumen output in over 20 colors



LUXEON C

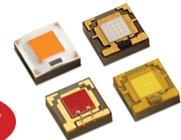


High Punch

Maximize punch, narrow beam angles in over 20 colors



LUXEON CZ



Short Throw

Output ideal for short throw applications; direct color and phosphor converted options



LUXEON 3535L Colors



Integrated Solution

Fully assembled light engine with optimized color, V_f and flux specs



LUXEON Matrix Platform

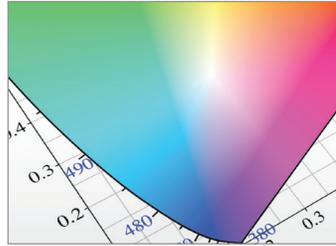


ECOSYSTEM



Select pre-qualified, off-the-shelf components to aid in complete system design.

LED SPECTRUM MIXER



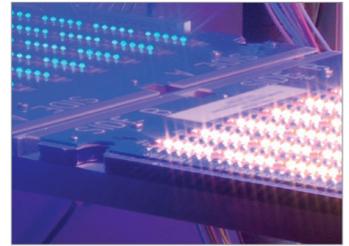
Calculate the color (white or color) that will be achieved by combining different LEDs into one application

SYSTEM CALCULATOR



Calculate the overall system performance based on design inputs.

LM-80 REPORTS



Generate LM-80 reports for specific Lumileds LEDs.

Please check out our ecosystem support at lumileds.com/designtools.

About Lumileds

Companies developing automotive, mobile, IoT and illumination lighting applications need a partner who can collaborate with them to push the boundaries of light. With over 100 years of inventions and industry firsts, Lumileds is a global lighting solutions company that helps customers around the world deliver differentiated solutions to gain and maintain a competitive edge. As the inventor of Xenon technology, a pioneer in halogen lighting and the leader in high performance LEDs, Lumileds builds innovation, quality and reliability into its technology, products and every customer engagement. Together with its customers, Lumileds is making the world safer, better and more beautiful—with light.

To learn more about our lighting solutions, visit lumileds.com.



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