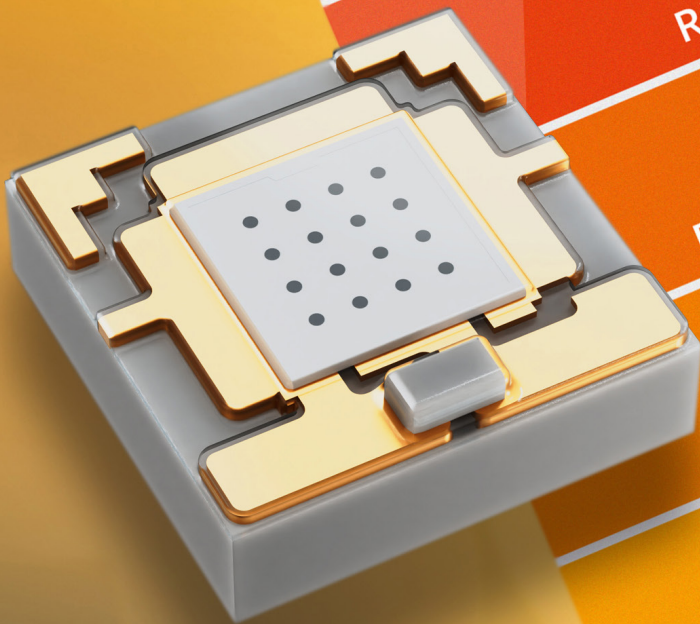




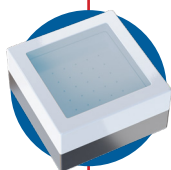
LUXEON Color Portfolio





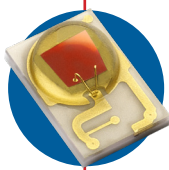
High-power LEDs

Tiny 1414 package footprint



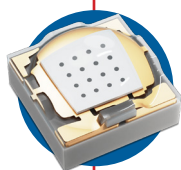
LUXEON RUBIX

High efficiency and broader spectral coverage



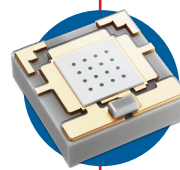
LUXEON REBEL COLOR LINE

Widest color line-up and single focal length



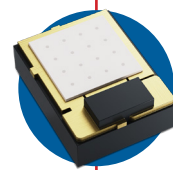
LUXEON C COLOR LINE

Widest color line-up and narrow beam angle



LUXEON CZ COLOR LINE

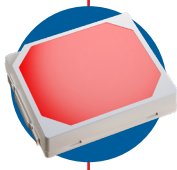
High lumen density, above BBL color points



LUXEON Z COLOR LINE

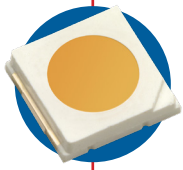
Mid-power LEDs

Smaller footprint



LUXEON 2835 COLOR LINE

Higher flux



LUXEON 3535L COLOR LINE

Multi-color Packages

RGB

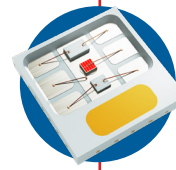
Low profile, smaller footprint



LUXEON 3528 RGB

RGB + Royal Blue and White

Easy color tuning



LUXEON 5052 RGBW



LUMILEDS LUXEON Color Portfolio

Offering the industry's broadest portfolio of color LEDs, Lumileds offers multiple options so that customers can realize their individual vision for a world in color.

		FAR RED	DEEP RED	RED	RED-ORANGE	PC RED-ORANGE	AMBER	PC AMBER	MINT	LIME	GREEN	CYAN	BLUE	PC BLUE	ROYAL BLUE	VIOLET	WHITE
High-Power	LUXEON Rubix																
	LUXEON C																
	LUXEON CZ																
	LUXEON Z																
	LUXEON Rebel																
	LUXEON FlipChip																
Mid-Power	LUXEON 2835																
	LUXEON 3535L																
Multi-Color Package	LUXEON 3528																
	LUXEON 5052																


White CCT and CRI Options in Lumileds LUXEON Color Portfolio

Product	Key Features	LUXEON C Color Line	LUXEON CZ Color Line	LUXEON Rubix	LUXEON 2835 Color Line	LUXEON 5052 RGBW
5700K	60	-	-	✓	-	-
4000K	70	✓	✓	-	-	-
5000K	70	✓	✓	-	-	-
5700K	70	✓	✓	-	✓	-
6500K	70	✓	✓	✓	-	✓
2200K	80	✓	✓	✓	-	-
2700K	80	✓	✓	✓	-	✓
3000K	80	✓	✓	✓	✓	✓
3500K	80	✓	✓	✓	-	-
4000K	80	✓	✓	✓	✓	✓
4500K	80	-	-	✓	-	-
5000K	80	-	-	-	-	✓
6500K	80	-	-	✓	-	-
2200K	90	-	-	-	-	✓
2700K	90	✓	✓	✓	-	-
3000K	90	✓	✓	-	-	-
4000K	90	✓	✓	-	-	-
5700K	90	✓	✓	-	-	-

The LUXEON Color Portfolio

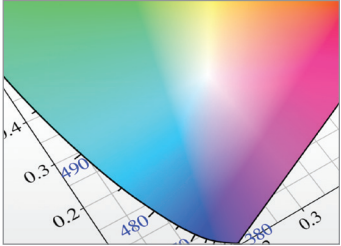
Product	Key Features
LUXEON Rubix	Smallest size with high drive current. Ideal for multi-color clusters under a single optic
LUXEON C Color Line	Optimized for use with secondary optics. Very high punch (Cd/lm) and smooth color mixing
LUXEON CZ Color Line	Undomed emitter designed for maximum punch (Cd/lm) and superior performance across applications
LUXEON Rebel Color Line	High efficacy 350mA emitters in 11 colors and a common focal length with LUXEON Z and LUXEON 3535L
LUXEON Z Color Line	Highly efficient color mixing. Convenient above-blackbody color point. Small 1.3mm x 1.7mm footprint offers unique configuration arrangements
LUXEON 2835 Color Line	13 colors and three CCTs of white. All with a consistent footprint to simplify solution engineering
LUXEON 3535L Color Line	Industry standard package that shares a common focal length with LUXEON Z and LUXEON Rebel
LUXEON 3528 RGB	Compact, low profile package just 1.75mm tall. IPX8 water resistant
LUXEON 5052 RGBW	4-in-1 package with choice of RGB and Royal Blue and White

ECOSYSTEM




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

LED SPECTRUM MIXER



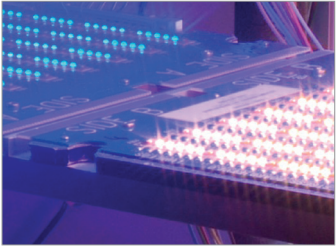
Calculate the color (white or color) that will be achieved by combining different LEDs into one application

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

Lumileds is an LED pioneer and global leader in LEDs for general illumination, automotive lighting, camera flash for mobile devices, and the evolving MicroLED technology. Our approximately 5,500 employees operate in over 30 countries and partner with our customers to deliver never before possible solutions for lighting, safety, and well-being. To learn more about our company and solution portfolios, please visit lumileds.com.

