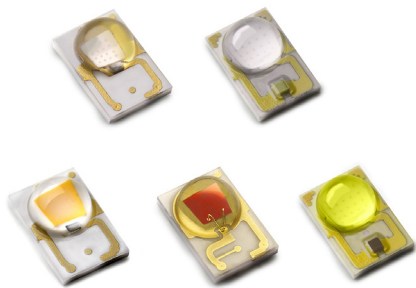




LUXEON Rebel & LUXEON Rebel ES Color Family

High flux & efficacy on industry's most widely used color platform



The LUXEON Rebel Color family of LUXEON Rebel and LUXEON Rebel ES has leading light output, color stability, flux density, and clear saturated colors. The color LEDs are ideal for a wide variety of lighting, signaling, signage and entertainment applications. Every LUXEON Rebel and LUXEON Rebel ES emitter has built-in quality, reliability, lumen maintenance and the ease of manufacturing needed to create a superior high quality light. The color portfolio gives designers an endless pallet of colors to work with, adding interest, dimension, and liveliness to all your lighting projects.

FEATURES AND BENEFITS

- Full color pallet for a wider spectrum range
- Highest efficacy available for colors allows for lower power consumption
- High flux and leading hot and cold performance for saturated colors
- Fully developed ecosystem for LUXEON Rebel platforms

PRIMARY APPLICATIONS

- Architectural
- Lamps
- Specialty Lighting

LUXEON Rebel & LUXEON Rebel ES Colors product performance at test current and test temperature.

COLOR	MINIMUM LUMINOUS FLUX (lm) OR RADIOMETRIC POWER (mW)	TYPICAL EFFICACY (lm/W) OR RADIANT EFFICACY (%)	TEST CURRENT	TEST JUNCTION	PART NUMBER
Deep Red	260	37%	350	25°C	LXM3-PD01
	300	41%	350	25°C	LXM3-PD01
	350	46%	350	25°C	LXM3-PD01
Red	30	37	350	25°C	LXML-PD01-0030
	40	65	350	25°C	LXM2-PD01-0040
	40	47	350	25°C	LXML-PD01-0040
	50	75	350	25°C	LXM2-PD01-0050
	50	53	350	25°C	LXML-PD01-0050
	50	73	350	25°C	LXM5-PD01
	60	83	350	25°C	LXM2-PD01-0060
	60	87	350	25°C	LXM5-PD01
	70	98	350	25°C	LXM5-PD01
Red-Orange	80	112	350	25°C	LXM5-PD01
	50	57	350	25°C	LXML-PH01-0050
	50	72	350	25°C	LXM5-PH01
	60	91	350	25°C	LXM2-PH01-0060
	60	63	350	25°C	LXML-PH01-0060
	60	84	350	25°C	LXM5-PH01
	70	98	350	25°C	LXM2-PH01-0070
PC Amber	70	101	350	25°C	LXM5-PH01
	80	112	350	25°C	LXM5-PH01
	80	80	350	25°C	LXM2-PL01-0000
	90	89	350	25°C	LXM2-PL01-0000
Amber	100	96	350	25°C	LXM2-PL01-0000
	110	105	350	25°C	LXM2-PL01-0000
	30	37	350	25°C	LXML-PL01-0030
	40	46	350	25°C	LXML-PL01-0040
	50	51	350	25°C	LXML-PL01-0050
	50	71	350	25°C	LXM5-PL01
	60	60	350	25°C	LXML-PL01-0060
	60	87	350	25°C	LXM5-PL01
Lime	70	98	350	25°C	LXM5-PL01
	80	113	350	25°C	LXM5-PL01
	140	154	350	85°C	LXML-PX02-0000
	150	163	350	85°C	LXML-PX02-0000
	160	174	350	85°C	LXML-PX02-0000
	170	181	350	85°C	LXML-PX02-0000
Green	180	190	350	85°C	LXML-PX02-0000
	190	201	350	85°C	LXML-PX02-0000
	70	78	350	25°C	LXML-PM01-0070
	80	86	350	25°C	LXML-PM01-0080
Cyan	90	93	350	25°C	LXML-PM01-0090
	100	100	350	25°C	LXML-PM01-0100
	60	66	350	25°C	LXML-PE01-0060
Blue	70	75	350	25°C	LXML-PE01-0070
	80	81	350	25°C	LXML-PE01-0080
	18	21	700	25°C	LXML-PB01-0018
	24	26	700	25°C	LXML-PB01-0023
Royal Blue	30	33	700	25°C	LXML-PB01-0030
	40	38	700	25°C	LXML-PB01-0040
	500	48%	700	25°C	LXML-PR01-0500

Notes:

1. Lumileds maintains a tolerance of ±6.5% on flux measurements.
2. Correlated color temperature is based upon mounted die on highly reflective surface at T_j=25°C.

©2015 Lumileds Holding B.V. All rights reserved.
LUXEON is a registered trademark of the Lumileds Holding B.V. in the United States and other countries.

lumileds.com

Neither Lumileds Holding B.V. nor its affiliates shall be liable for any kind of loss of data or any other damages, direct, indirect or consequential, resulting from the use of the provided information and data. Although Lumileds Holding B.V. and/or its affiliates have attempted to provide the most accurate information and data, the materials and services information and data are provided "as is," and neither Lumileds Holding B.V. nor its affiliates warrants or guarantees the contents and correctness of the provided information and data. Lumileds Holding B.V. and its affiliates reserve the right to make changes without notice. You as user agree to this disclaimer and user agreement with the download or use of the provided materials, information and data.