

★ CREE DELIVERS

LIGHTING-CLASS

PERFORMANCE FOR YOUR APPLICATION.*

★ LIGHTING THE
LED REVOLUTION™



* CREE XLAMP® LEDs DELIVER INDUSTRY-LEADING PERFORMANCE TO ACCELERATE LED ADOPTION AND LOWER SYSTEM COST. THAT'S LIGHTING-CLASS.

Learn more about our industry-leading products at www.cree.com/xlamp








CREE® XLAMP LEDs:
Directional discretés, non-directional discretés,
directional arrays and non-directional arrays

CREE 














Cree XLamp® LEDs are application optimized for lower system cost.

Cree has the largest family of high-performance LEDs available in the marketplace. Our family of Cree XLamp LEDs leads the industry in brightness and efficacy. These aren't undelivered promises—our Cree XLamp LEDs are commercially available and are already lighting up installations around the world.

Cree XLamp EasyWhite® LED Array Portfolio

	Directional				Non-Directional
					
XLamp	XM-L	MC-E	MT-G	MT-G2	CXA2011
Size (mm)	5.0x5.0	7.0x9.0	8.9x8.9	8.9x8.9	22 x 22
Light Output	Up to 774 lm @ 13W, 85 °C	Up to 751 lm @ 9.5W	Up to 1950 lm @ 25W, 85 °C	Up to 2586 lm @ 25W, 85 °C	Up to 3500 lm @ 45W, 85 °C
Max Power	13W	9.5W	25W	25W	45W
Key Features	<ul style="list-style-type: none"> • High lumen density for optical control • Excellent LED-to-LED color consistency 				<ul style="list-style-type: none"> • Easy assembly • One component eliminates multiple shadows

Cree XLamp Discrete LED Portfolio

	Directional					Non-Directional							
													
XLamp	XB-D	XP-E	XP-G	XT-E	XM-L	ML-B	ML-C	ML-E	MX-3	MX-6	XP-E HEW	XT-E HVW	XM-L HVW
Size (mm)	2.45 x 2.45	3.45 x 3.45			5.0 x 5.0	3.45 x 3.5			6.5 x 5.0		3.45 x 3.45		5.0 x 5.0
Light Output	Up to 309 lm @ 3W, 85 °C	Up to 291 lm @ 3.5W	Up to 493 lm @ 4.9W	Up to 456 lm @ 5W, 85 °C	Up to 1040 lm @ 10W	Up to 28 lm @ 0.25W	Up to 37 lm @ 0.3W	Up to 58 lm @ 0.5W	Up to 134 lm @ 2W	Up to 339 lm @ 4W	Up to 349 lm @ 3.3W	Up to 357 lm @ 3W, 85 °C	Up to 647 lm @ 6W, 85 °C
Max Drive Current	1A	1A	1.5A	1.5A	3A	175 mA	350 mA	500 mA	500 mA	1A	1A	66 mA	125 mA
Key Features	<ul style="list-style-type: none"> • Optical control—put more light where it is needed • Design flexibility 					<ul style="list-style-type: none"> • Standard, high voltage, high CRI and different price-performance options enable a range of applications • Uniform light and color over angle 							



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