



Cree XLamp® MC-E LEDs

Lighting-class, high-lumen output.



Lighting Applications

- Portable
- Roadway + Parking Area
- Indoor + MR16
- Transportation

4X the flux of XLamp XR-E LEDs, same footprint
Reduces LED system cost
Individually addressable
Will be available in cool, neutral & warm white



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For more information about Cree XLamp MC-E LEDs, visit www.cree.com/xlamp, or call +1 919 313 5300.



Luminous Flux

CCT (K)	@ 350 mA (4.5 W)	@ 700 mA (9.8 W)
Cool White 10,000K-5,000K	456 lm 101 lm/W	790 lm 80 lm/W
Neutral White 5,000K-3,700K	376 lm 84 lm/W	650 lm 66 lm/W
Warm White 3,700K-2,600K	350 lm 78 lm/W	605 lm 62 lm/W

Cree XLamp MC-E LED Specifications

Specification	Unit	Typical	Maximum
DC Forward Current (per emitter)	mA	-	700
Forward Voltage @ 350 mA (per emitter)	V	3.2	-
Forward Voltage @ 700 mA (per emitter)	V	3.5	-
Thermal Resistance	°C/W	3	-
Viewing Angle (FWHM)	°	110	-
Mechanical Dimension	mm	7.0 x 9.0	-

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