

XLamp XR-C

Cree High-Power LEDs

The XLamp XR-C LED gives lighting designers the flexibility and performance to create the next generation of LED lighting products. XLamp XR-C LEDs feature electrically neutral thermal path, low thermal resistance and support for a wide range of drive currents.



- SPECIFICATIONS
- VARIATIONS
- DOCUMENTATION
- MULTIMEDIA

 [Data Sheet \(pdf\)](#)

Size	7 x 9 mm
Product Options	White Color
Maximum Drive Current	0.5 A
Maximum Power	2 W
Maximum Light Output	78 lm @ 2 W
Typical Forward Voltage	3.5 V White @ 350 mA
Viewing Angle	90 ° White
Binning	Standard
Thermal Resistance	12 °C/W
Reflow Solderable	Yes - JEDEC J-STD-020C-compatible
RoHS-Compliant	Yes
REACH-Compliant	Yes
Package Size	9.00 x 7.00 mm

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Product Characterization Tool

Compare LEDs and simulate system performance. ▶