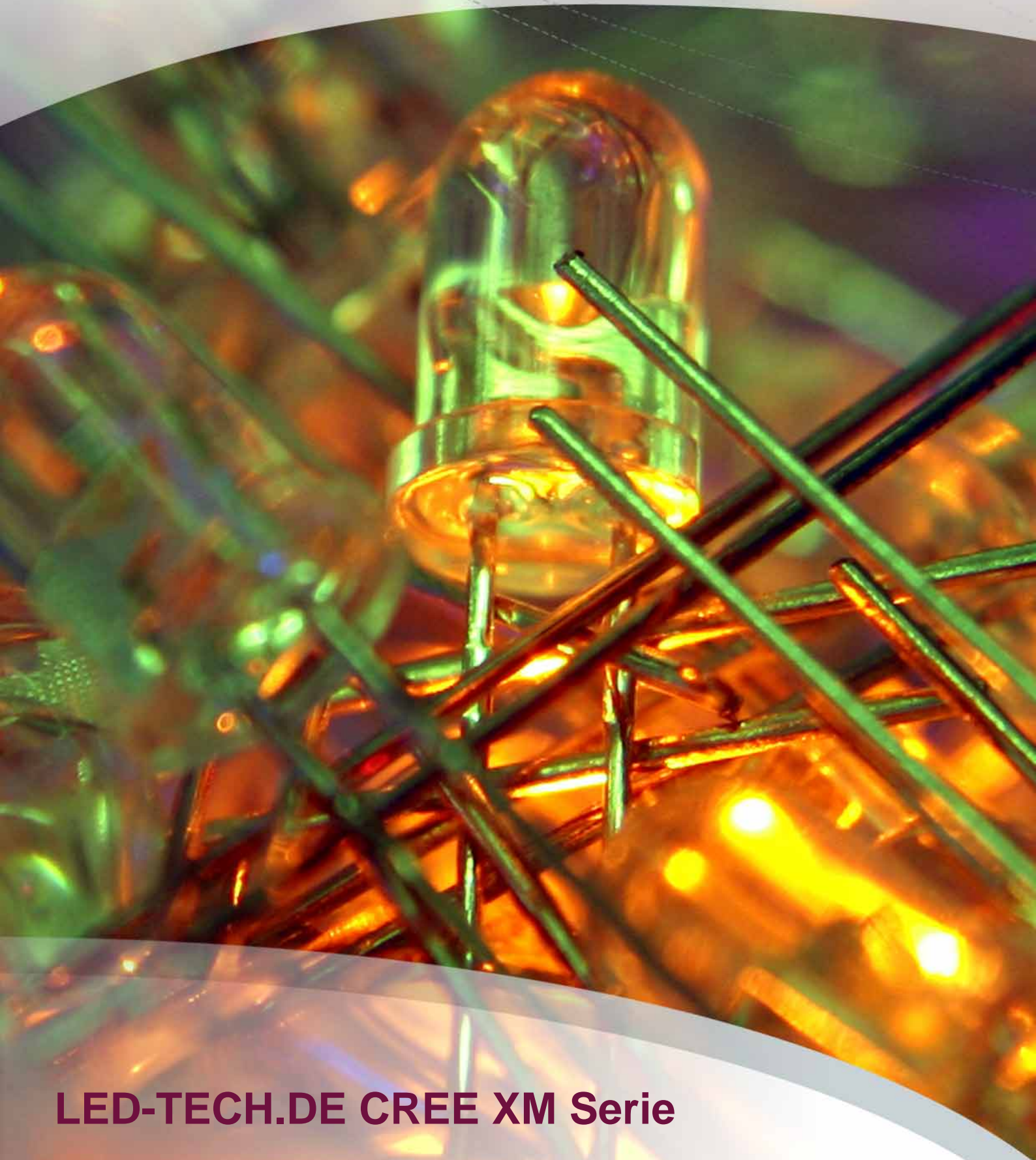


LED-TECH.DE

OPTOELECTRONICS



LED-TECH.DE CREE XM Serie

CREE XM-L T6 Emitter (white)



Part Number: LT-1731

Viewing Angle: 125°

Emitting Color: white

Lumen min.: 280 mcd

Lumen max.: 975 mcd

Kelvin min.: 5700 mcd

Kelvin max.: 6100 mcd

mA test.: 700 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

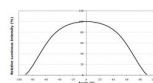
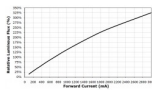
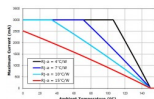
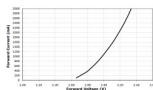
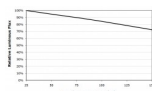
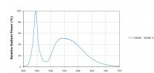
V sperr.: 5 V

The new Cree XLamp XM-L in T6 top rank!

The XLamp XM-L LED is the industry's highest performance, single-die white lighting-class LED. XLamp XM-L is 20% more efficient than XLamp XP-G at the same current, and can deliver 1000 lumens with 100 lumens per Watt efficacy. The XLamp XM-L LED offers Cree's industry-leading features: wide viewing angle, symmetrical package, unlimited floor life and electrically neutral thermal path.

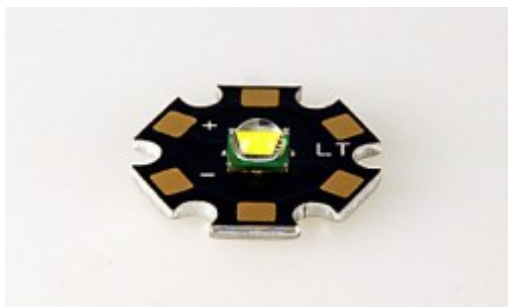
XLamp XM-L LEDs can enable LED light into new applications that require tens of thousands of lumens, such as high bay and high-output area lighting. XM-L is also the ideal choice for lighting applications where high light output and maximum efficacy are required, such as LED light bulbs, outdoor lighting, portable lighting, indoor lighting and solar-powered lighting.

{warning1}



Top View

CREE XM-L T6 on Star (white)



Part Number: LT-1734

Diameter: 20.00

Viewing Angle: 125°

Emitting Color: white

Lumen min.: 280 mcd

Lumen max.: 975 mcd

Kelvin min.: 5700 mcd

Kelvin max.: 6100 mcd

mA test.: 700 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

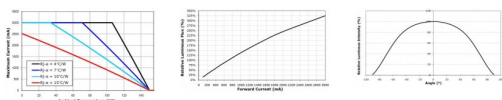
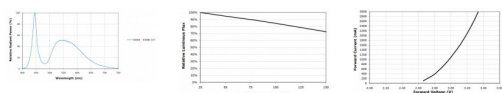
V sperr.: 5 V

The new Cree XLamp XM-L in T6 top rank on Star!

The XLamp XM-L LED is the industry's highest performance, single-die white lighting-class LED. XLamp XM-L is 20% more efficient than XLamp XP-G at the same current, and can deliver 1000 lumens with 100 lumens per Watt efficacy. The XLamp XM-L LED offers Cree's industry-leading features: wide viewing angle, symmetrical package, unlimited floor life and electrically neutral thermal path.

XLamp XM-L LEDs can enable LED light into new applications that require tens of thousands of lumens, such as high bay and high-output area lighting. XM-L is also the ideal choice for lighting applications where high light output and maximum efficacy are required, such as LED light bulbs, outdoor lighting, portable lighting, indoor lighting and solar-powered lighting.

{warning1}



CREE XM-L T3 Emitter (warm white)



Part Number: LT-1746

Viewing Angle: 125°

Emitting Color: warm white

Lumen min.: 220 mcd

Lumen max.: 780 mcd

Kelvin typ.: 3300 mcd

mA test.: 700 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

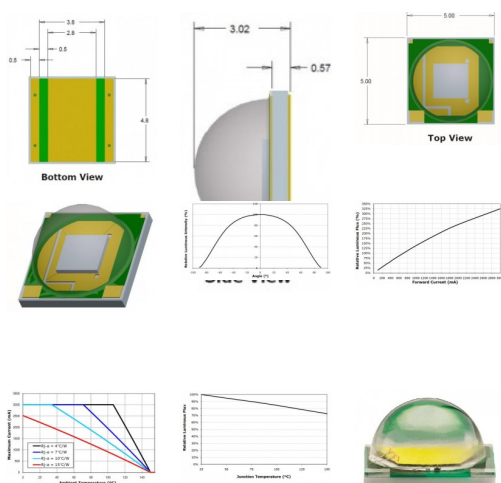
V sperr.: 5 V

The new Cree XLamp XM-L in warm-white available on stock!

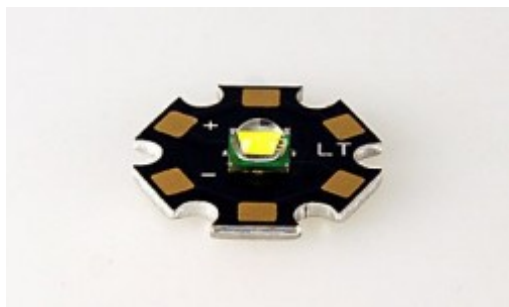
The XLamp XM-L LED is the industry's highest performance, single-die white lighting-class LED. XLamp XM-L is 20% more efficient than XLamp XP-G at the same current, and can deliver 1000 lumens with 100 lumens per Watt efficacy. The XLamp XM-L LED offers Cree's industry-leading features: wide viewing angle, symmetrical package, unlimited floor life and electrically neutral thermal path.

XLamp XM-L LEDs can enable LED light into new applications that require tens of thousands of lumens, such as high bay and high-output area lighting. XM-L is also the ideal choice for lighting applications where high light output and maximum efficacy are required, such as LED light bulbs, outdoor lighting, portable lighting, indoor lighting and solar-powered lighting.

{warning1}



CREE XM-L T3 on Star (warm white)



Part Number: LT-1747

Diameter: 20.00

Viewing Angle: 125°

Emitting Color: warm white

Lumen min.: 220 mcd

Lumen max.: 780 mcd

Kelvin typ.: 3300 mcd

mA test.: 700 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

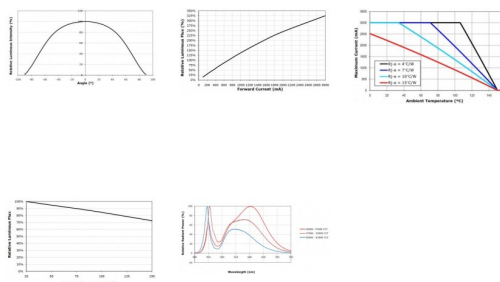
V sperr.: 5 V

The new Cree XLamp XM-L in warm-white on Star!

The XLamp XM-L LED is the industry's highest performance, single-die white lighting-class LED. XLamp XM-L is 20% more efficient than XLamp XP-G at the same current, and can deliver 1000 lumens with 100 lumens per Watt efficacy. The XLamp XM-L LED offers Cree's industry-leading features: wide viewing angle, symmetrical package, unlimited floor life and electrically neutral thermal path.

XLamp XM-L LEDs can enable LED light into new applications that require tens of thousands of lumens, such as high bay and high-output area lighting. XM-L is also the ideal choice for lighting applications where high light output and maximum efficacy are required, such as LED light bulbs, outdoor lighting, portable lighting, indoor lighting and solar-powered lighting.

{warning1}



CREE XM-L T6 Emitter (daylight white)



Part Number: LT-1753

Viewing Angle: 125°

Emitting Color: daylight white

Lumen min.: 280 mcd

Lumen max.: 975 mcd

Kelvin typ.: 5000 mcd

mA test.: 700 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

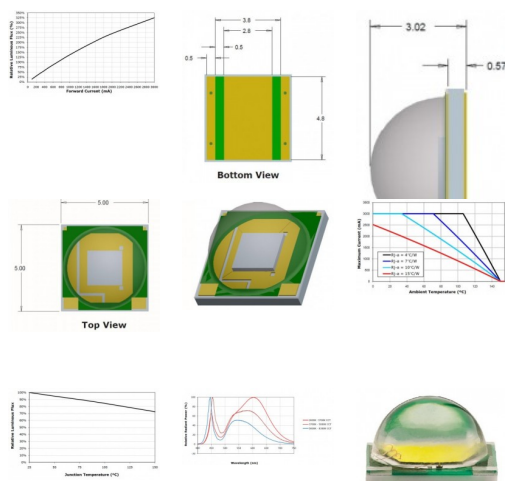
V sperr.: 5 V

The new Cree XLamp XM-L in neutral-white available on stock!

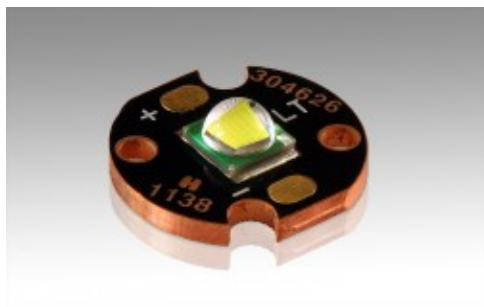
The XLamp XM-L LED is the industry's highest performance, single-die white lighting-class LED. XLamp XM-L is 20% more efficient than XLamp XP-G at the same current, and can deliver 1000 lumens with 100 lumens per Watt efficacy. The XLamp XM-L LED offers Cree's industry-leading features: wide viewing angle, symmetrical package, unlimited floor life and electrically neutral thermal path.

XLamp XM-L LEDs can enable LED light into new applications that require tens of thousands of lumens, such as high bay and high-output area lighting. XM-L is also the ideal choice for lighting applications where high light output and maximum efficacy are required, such as LED light bulbs, outdoor lighting, portable lighting, indoor lighting and solar-powered lighting.

{warning1}



CREE XM-L U2 on Copper PCB (white)



Part Number: LT-1790

Diameter: 16.0

Viewing Angle: 125°

Emitting Color: white

Lumen typ.: 300 mcd

Lumen max.: 1040 mcd

Kelvin min.: 5000 mcd

Kelvin max.: 8300 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

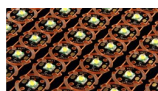
V sperr.: 5 V

CREE XML-L in U2 rank on copper core PCB

The massive copper PCB has an outstanding and fast heat dissipation. A further advantage is the direct connection of the LED base with the copper. This contact is possible because of a special open area in the dielectric and increases the PCBs efficiency even more.

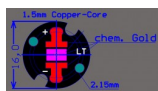
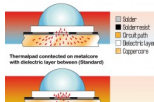
The back side is holohedral golden. This was made to avoid possible oxidation and makes it easy to remove residues of additives or fingerprints.

The copper PCB has a diameter of 16mm and is useable in a wide range of applications like LED torches for example.

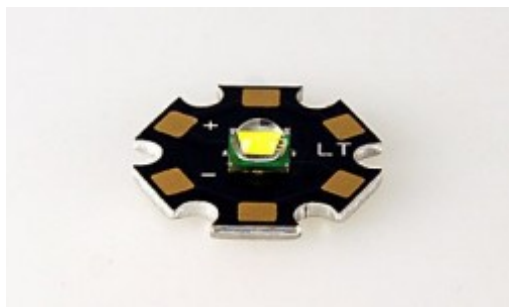


Thermal Management

Thermopad connected on substrate (LT-1790)



CREE XM-L T5 on Star (daylight white)



Part Number: LT-1800

Diameter: 20.00

Viewing Angle: 125°

Emitting Color: daylight white

Lumen min.: 260 mcd

Lumen max.: 845 mcd

Kelvin typ.: 5000 mcd

mA test.: 700 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

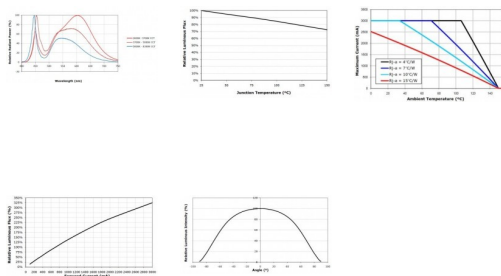
V sperr.: 5 V

The new Cree XLamp XM-L in T5 top rank on Star!

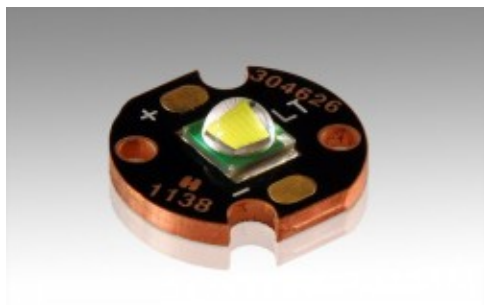
The XLamp XM-L LED is the industry's highest performance, single-die white lighting-class LED. XLamp XM-L is 20% more efficient than XLamp XP-G at the same current, and can deliver 1000 lumens with 100 lumens per Watt efficacy. The XLamp XM-L LED offers Cree's industry-leading features: wide viewing angle, symmetrical package, unlimited floor life and electrically neutral thermal path.

XLamp XM-L LEDs can enable LED light into new applications that require tens of thousands of lumens, such as high bay and high-output area lighting. XM-L is also the ideal choice for lighting applications where high light output and maximum efficacy are required, such as LED light bulbs, outdoor lighting, portable lighting, indoor lighting and solar-powered lighting.

{warning1}



CREE XM-L T5 on Copper PCB (daylight white)



Part Number: LT-1810

Diameter: 16.0

Viewing Angle: 125°

Housing Color: black

Emitting Color: daylight white

Lumen typ.: 260 mcd

Lumen max.: 845 mcd

Kelvin min.: 4750 mcd

Kelvin typ.: 5000 mcd

mA typ.: 700 mA

mA max.: 3000 mA

V typ.: 2.9 V

V max.: 4 V

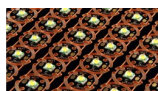
V sperr.: 5 V

CREE XML-L in T5 rank on copper core PCB

The massive copper PCB has an outstanding and fast heat dissipation. A further advantage is the direct connection of the LED base with the copper. This contact is possible because of a special open area in the dielectric and increases the PCBs efficiency even more.

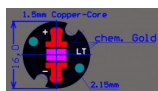
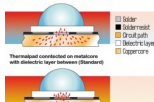
The back side is holohedral golden. This was made to avoid possible oxidation and makes it easy to remove residues of additives or fingerprints.

The copper PCB has a diameter of 16mm and is useable in a wide range of applications like LED torches for example.



Thermal Management

Thermopad connected on substrate (3.7 x 70)



Imprint



LED-TECH.DE optoelectronics Showroom

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Am Schürmannshütt 38B

D-47441 Moers

Phone: (+49) 2841 / 97 91 7-0

Fax: (+49) 2841 / 97 91 7-29



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