

WORLDWIDE

PRODUCTS



CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

[Home](#)

[About CML](#)

[Service](#)

[Media Center](#)

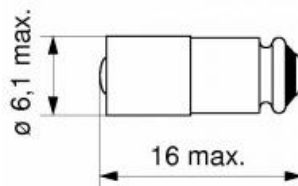
[Contact](#)

[Access CML](#)

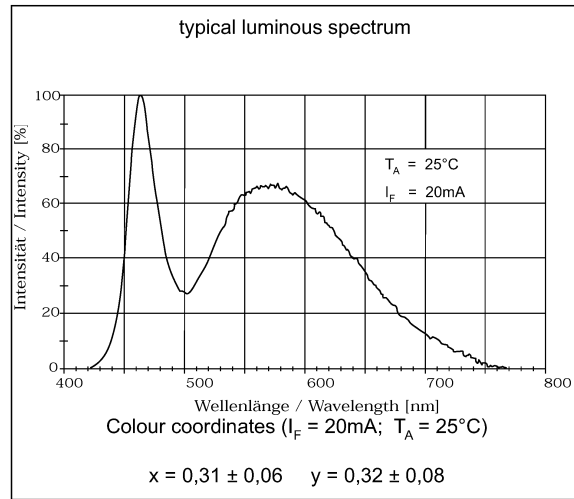
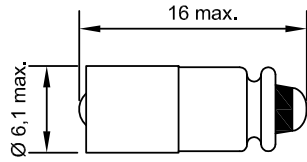
Products

Based LEDs

CML IT Based LEDs are an effective alternative for based incandescent lamps. Based LEDs have a number of advantages when compared to miniature lamps. Features include a long life expectancy of up to 100,000 hours with low power consumption. Based LEDs are shock and vibration proof and come in a wide variety of colors, styles and voltages.



Part Number: 1512145W3D
Serial Number: 15121
Based LED type: StarLED
Size (inch): T-1 3/4
Size (mm): T6
Housing Size: 6.1x16mm
Base: MG
Chip number: 1
Chip color: white diffused
Wavelength (mA): 0.31/0.33
Op. voltage (V): 28
Rectifier: Half Wave
AC current: 7
DC current: 14
Type Iv DC current: 700
Voltage tolerance (%): 10%
Op. temperature (°C): -20 °C - +60 °C
Storage temperature (°C): -25 °C - +80 °C
RoHS Status: Yes



Lampensockel nach DIN EN 60061-1: S5,7s / Lamp base in accordance to DIN EN 60061-1: S5,7s

Elektrische und optische Daten sind bei einer Umgebungstemperatur von 25°C gemessen.
Electrical and optical data are measured at an ambient temperature of 25°C.

| Bestell-Nr. Part No. | Farbe Colour | Spannung Voltage | Strom Current | Lichtstärke Lumi. Intensity | Dom. Wellenlänge Dom. Wavelength |
|-------------------------|-----------------|---------------------|------------------|--------------------------------|-------------------------------------|
| 1512145UR3 | Red | 28V AC/DC | 7mA / 14mA | 330mcd | 630nm |
| 1512145UG3 | Green | 28V AC/DC | 7mA / 14mA | 2100mcd | 525nm |
| 1512145UY3 | Yellow | 28V AC/DC | 7mA / 14mA | 280mcd | 587nm |
| 1512145B3 | Blue | 28V AC/DC | 7mA / 14mA | 650mcd | 470nm |
| 1512145W3 | White Clear | 28V AC/DC | 7mA / 14mA | 1400mcd | $x = 0,31 / y = 0,32$ |
| 1512145W3D | White Diffuse | 28V AC/DC | 7mA / 14mA | 700mcd | $x = 0,31 / y = 0,32$ |

Lichtstärkedaten der verwendeten Leuchtdioden bei DC / Luminous intensity data of the used LEDs at DC

Lagertemperatur / Storage temperature -25°C - +80°C
Umgebungstemperatur / Ambient temperature -20°C - +60°C
Spannungstoleranz / Voltage tolerance +10%

Die aufgeführten Typen sind alle mit einer Schutzdiode in Reihe zum Widerstand und der LED gefertigt. Dies erlaubt auch den Einsatz der Typen an entsprechender Wechselspannung.
The specified versions are built with a protection diode in series with the resistor and the LED. Therefore it is also possible to run them at an equivalent alternating voltage.

Allgemeiner Hinweis: Bedingt durch die Fertigungstoleranzen der Leuchtdioden kann es zu geringfügigen Schwankungen der Farbe (Farbtemperatur) kommen. Es kann deshalb nicht ausgeschlossen werden, daß die Farben der Leuchtdioden eines Fertigungsloses unterschiedlich wahrgenommen werden.

General: Due to production tolerances, colour temperature variations may be detected within individual consignments.



CML Technologies GmbH & Co. KG
D-67098 Bad Dürkheim
(formerly EBT Optronic)

StarLEDs
T1 3/4 (6mm) MG with half wave rectifier

| | | | | | | |
|-----------|-------|-------|---------------------|------------------------------|-------------------|-----------------------|
| | | | | Drawn: J.J. | Ch'd: D.L. | Date: 02.11.04 |
| Revision: | Date: | Name: | Scale: 2 : 1 | Datasheet: 1512145xxx | | |