

WORLDWIDE

PRODUCTS



CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

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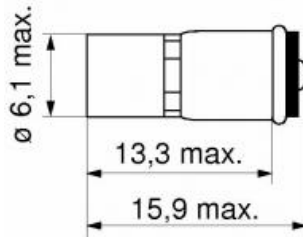
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Products

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: 1510125UG3

Serial Number: 15101

Based LED type: StarLED

Size (inch): T-1 3/4

Size (mm): T6

Housing Size: 6.1x16mm

Base: MF

Chip number: 1

Chip color: green

Wavelength (nm): 525

Op. voltage (V): 12

Rectifier: Protection Diode

AC current: -

DC current: 14

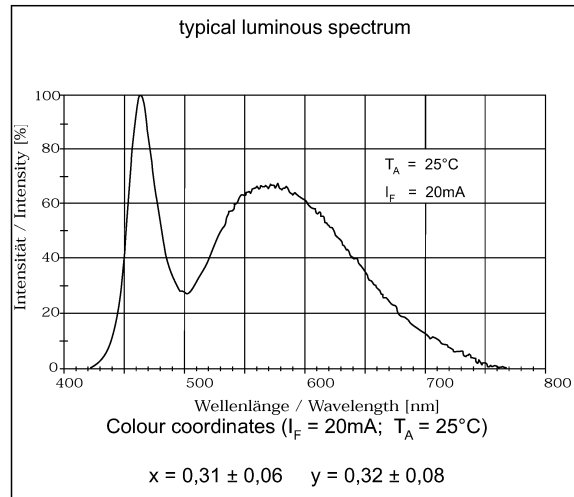
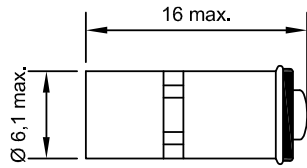
Type I_v DC current: 2100

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: SX6s / Lamp base in accordance to DIN EN 60061-1: SX6s

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 |
|-------------------------|-----------------|---------------------|------------------|--------------------------------|-------------------------------------|
| 1510125UR3 | Red | 12V DC | 14mA | 330mcd | 630nm |
| 1510125UG3 | Green | 12V DC | 14mA | 2100mcd | 525nm |
| 1510125UY3 | Yellow | 12V DC | 14mA | 280mcd | 587nm |
| 1510125B3 | Blue | 12V DC | 14mA | 650mcd | 470nm |
| 1510125W3 | White Clear | 12V DC | 14mA | 1400mcd | $x = 0,31 / y = 0,32$ |
| 1510125W3D | White Diffuse | 12V DC | 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% |

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.



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StarLEDs
T1 3/4 (6mm) MF without protection diode

| | | | | | | |
|-----------|-------|-------|---------------------|------------------------------|-------------------|-----------------------|
| | | | | Drawn: J.J. | Ch'd: D.L. | Date: 01.12.04 |
| Revision: | Date: | Name: | Scale: 2 : 1 | Datasheet: 1510125xxx | | |