



CML

INNOVATIVE TECHNOLOGIES

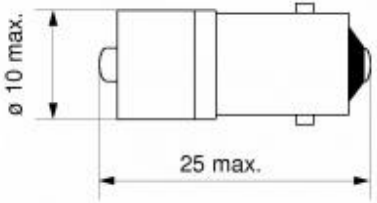
WHERE INNOVATION COMES TO LIGHT

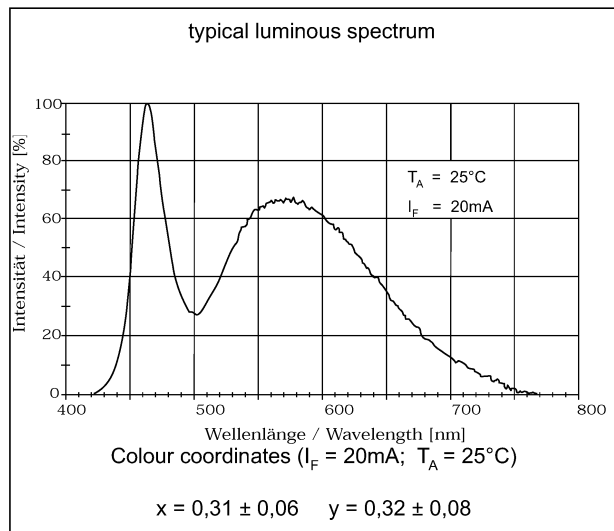
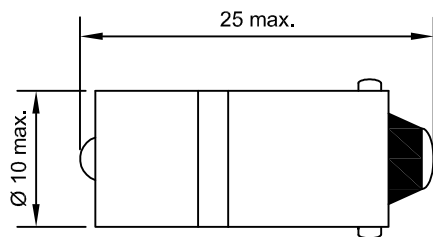
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Products

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.

| | |
|--|--|
|  | <p> Part Number: 18606130 Serial Number: 18606 Based LED type: StarLED Size (inch): T-3 1/4 Size (mm): T10 Housing Size: 10x25mm Base: BA9s Chip number: 1 Chip color: red Wavelength (nm): 630 Op. voltage (V): 130 Rectifier: Half Wave AC current: 5 DC current: - Type I_v DC current: 180 Voltage tolerance (%): 10% Op. temperature (°C): -20 °C - +60 °C Storage temperature (°C): -25°C - +80°C RoHS Status: Yes </p> |
|--|--|



Lampensockel nach DIN EN 60061-1: BA9s / Lamp base in accordance to DIN EN 60061-1: BA9s

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 |
|-------------------------|-----------------|---------------------|------------------|--------------------------------|-------------------------------------|
| 18606130 | Red | 130V AC | 5mA | 180mcd | 630nm |
| 18606131 | Green | 130V AC | 5mA | 750mcd | 525nm |
| 18606132 | Yellow | 130V AC | 5mA | 160mcd | 587nm |
| 18606137 | Blue | 130V AC | 5mA | 230mcd | 470nm |
| 1860613W3 | White Clear | 130V AC | 5mA | 500mcd | $x = 0,31 / y = 0,32$ |
| 1860613W3D | White Diffuse | 130V AC | 5mA | 250mcd | $x = 0,31 / y = 0,32$ |

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 LED ist zum direkten Anschluß an die Versorgungsspannung von 130V AC dimensioniert. Ein Betrieb an einer höheren Versorgungsspannung mittels handelsüblicher Lampenfassungselemente mit integriertem Vorwiderstand, ist nicht zulässig.
This LED is developed to run on a supply voltage of 130V AC only. An operation at a higher supply voltage using commercial lampholders with integrated resistors, is not approved.

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
T3¼ (10x25mm) BA9s

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|-----------|-------|-------|------------------------------|-------------------|-----------------------|
| Revision: | Date: | Name: | Scale: 2 : 1 | Ch'd: D.L. | Date: 24.09.04 |
| | | | Datasheet: 1860613xxx | | |