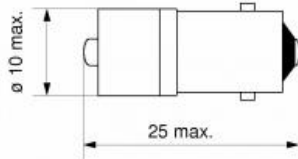




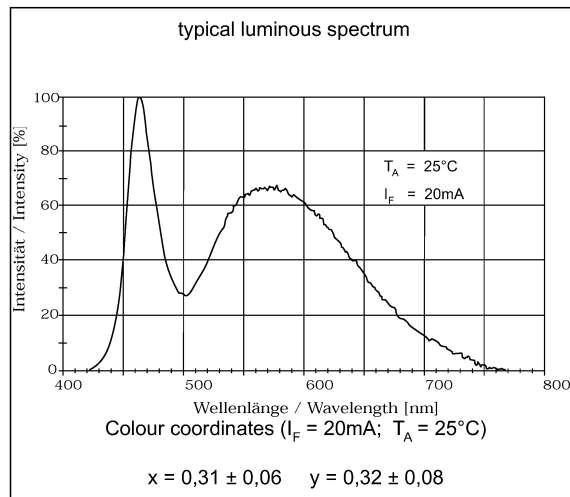
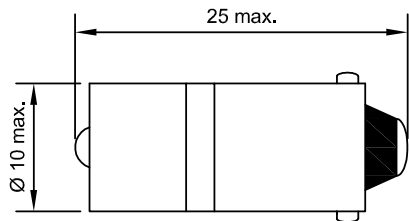
## Products

### 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:** 18602257  
**Serial Number:** 18602  
**Based LED type:** StarLED  
**Size (inch):** T-3 1/4  
**Size (mm):** T10  
**Housing Size:** 10x25mm  
**Base:** BA9s  
**Chip number:** 1  
**Chip color:** blue  
**Wavelength (nm):** 470  
**Op. voltage (V):** 12  
**Rectifier:** Bridge  
**AC current:** 16  
**DC current:** 16  
**Type IV DC current:** 720  
**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: 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
18602250	Red	12V AC/DC	16mA	390mcd	630nm
18602251	Green	12V AC/DC	16mA	2400mcd	525nm
18602252	Yellow	12V AC/DC	16mA	320mcd	587nm
18602257	Blue	12V AC/DC	16mA	720mcd	470nm
1860225W3	White Clear	12V AC/DC	16mA	1600mcd	$x = 0,31 / y = 0,32$
1860225W3D	White Diffuse	12V AC/DC	16mA	800mcd	$x = 0,31 / y = 0,32$

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.



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

**StarLEDs**  
**T3¼ (10x25mm) BA9s with bridge rectifier**

				Drawn: <b>J.J.</b>	Ch'd: <b>D.L.</b>	Date: <b>02.11.04</b>
Revision:	Date:	Name:	Scale: <b>2 : 1</b>	Datasheet: <b>1860225xxx</b>		