



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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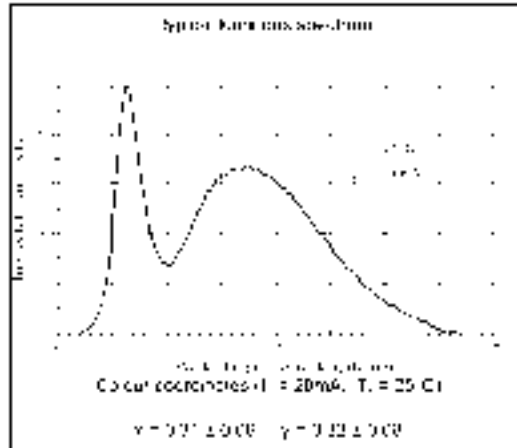
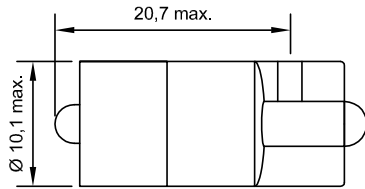
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# Chicago Miniature Lighting, LLC

*Lighting the world since 1910*



Lampensockel nach DIN EN 60061-1: W2,1 x 9,5d / Lamp base in accordance to DIN EN 60061-1: W2,1 x 9,5d

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.<br>Part No. | Farbe<br>Colour | Spannung<br>Voltage | Strom<br>Current | Lichtstärke<br>Lum. Intensity | Dom. Wellenlänge<br>Dom. Wavelength |
|-------------------------|-----------------|---------------------|------------------|-------------------------------|-------------------------------------|
| 1511B25UR3              | Red             | 12V AC/DC           | 7mA / 14mA       | 330mcd                        | 630nm                               |
| 1511B25UG3              | Green           | 12V AC/DC           | 7mA / 14mA       | 2100mcd                       | 525nm                               |
| 1511B25UY3              | Yellow          | 12V AC/DC           | 7mA / 14mA       | 280mcd                        | 587nm                               |
| 1511B25B3               | Blue            | 12V AC/DC           | 7mA / 14mA       | 650mcd                        | 470nm                               |
| 1511B25W3               | White Clear     | 12V AC/DC           | 7mA / 14mA       | 1400mcd                       | x = 0,31 / y = 0,32                 |
| 1511B25W3D              | White Diffuse   | 12V 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.

## StarLEDs

T3 ¼ (10mm) WB with half wave rectifier

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