PART# / PRODUCT SEARCH

55-554SB-0

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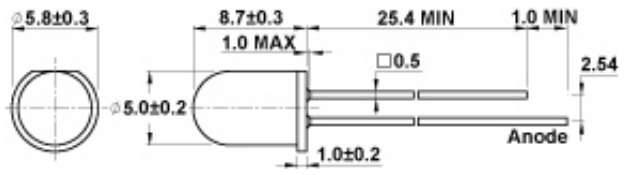
SUPER BRIGHT 5mm LED

Brightness rating @ 20mA



Mode Electronics LED Specifications (5mm)

LED Color Chart

Color	**Yellow**
Brightness	**3000 mcd**

55-554SB-0	Bulk
55-554SB-2	Display Pkg (2)

http://ledcalculator.net/ <-- Link to the simple LED circuit designer/calculator

http://led.linear1.org/led.wiz <-- Link to the LED series/parallel array design wizard

All LED's (excluding the LED indicator lamps) require a resistor in series to limit the current to the required specification (usually 20mA). Use Ohm's law to calculate the value of the resistor required. Most LED's have a voltage drop of 2 volts. Blue & White LED's are 3.5 - 4 volts.

V=IR (volts = current(amps) x resistance(ohms)). For a 12VDC supply voltage @ 20mA the required resistor would be:
10 (volts) / .02 (amps) = 500 ohms

LED'S ARE SUITABLE FOR DC ONLY