

**PART#/PRODUCT SEARCH**

55-535UB-0

**GO >>**

[Item Index](#)

- Mode Catalog
- Lenline Part# Convert
- AC Adapters
- Audio Products
- Battery Holders
- Bottles and Dispensers
- Brushes
- Buzzers/Alarms
- CATV Products
- Circuit Breakers
- Coaxial Connectors
- Computer Accessories
- Connectors
- DC Power Products
- Earphones/Microphones
- Fans
- Fuseholders/Fuses
- Hardware
- IC Sockets
- Knobs
- LED Products
- Lamps/Pilot Lamps
- Miscellaneous Items
- Plastic Boxes
- Potentiometers/L-Pads
- Power Cords/Jacks/Bars
- RF Adapters
- Relays
- Rubber Feet/Grommets
- Speakers/Speaker Wire
- Switches
- Telephone Products
- Test Equipment
- Tools/Tool Cases
- Transformers
- Video Products
- Wiring Products
- Latent Fingerprint Brush**

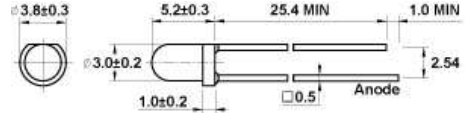
### ULTRA BRIGHT 3mm LED

Brightness rating @ 20mA



**Mode Electronics LED Specifications (3mm)**

**LED Color Chart**



**Color** Green

**Brightness** 8000 mcd

**55-535UB-0** Bulk

**55-535UB-3** Display Pkg (3)

<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**