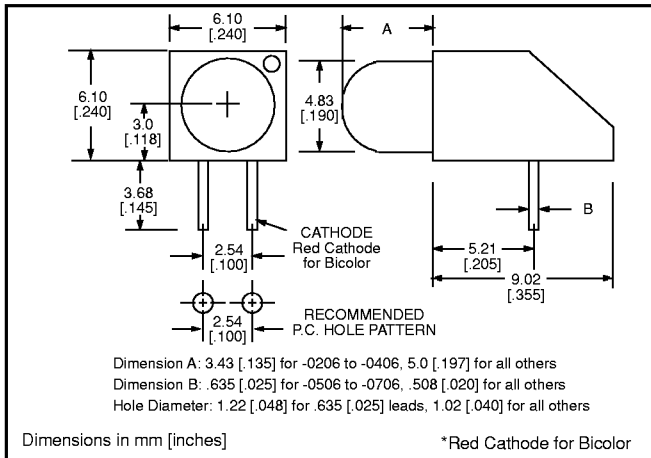


5mm

LED CBI® Circuit Board Indicator  
Sloped Back Housing

Dialight

550-xx06



**Benefits**

- Available with a variety of LEDs
- Housing material meets UL94 V-0
- Black housing enhances contrast
- High reliability - life measured in years
- Vibration and shock resistant
- Housing assures proper LED alignment

**Custom**

- For custom LEDs contact factory.

**LED Data**

- For absolute maximum ratings and other electrical/optical data refer to LED data sheet.

**PART NO.**

**GENERAL PURPOSE**

550-0206  
550-0306  
550-0406

**COLOR**

Green  
Yellow  
Red

**INTEGRAL RESISTOR**

550-0506  
550-0606  
550-0706  
550-0806

Red, 5V  
Red, 12V  
Green, 5V  
Yellow, 5V

**LOW CURRENT**

550-1106  
550-1206  
550-1306

Red  
Yellow  
Green

**HIGH EFFICIENCY**

550-2206  
550-2306  
550-2406

Green  
Yellow  
Red

**BI-COLOR**

550-3006

Red/Green

**SUPER BRIGHT, DIFFUSED**

550-5106  
550-5206  
550-5306

Red  
Green  
Yellow

**SUPER BRIGHT, WATER CLEAR  
(Non-tinted, Non-diffused)**

550-5506  
550-5606  
550-5706

Red  
Green  
Yellow

(NOTE: 550-xx07 (pg. 6-14) includes standoffs and is recommended for replacement and new designs)

## Typical Operating Characteristics (T<sub>A</sub>=25°C)

See LED data sheet for additional information

### GENERAL PURPOSE

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-0206	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0306	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0406	Red	635	12.3	2	20	60°	5ND-9672	6-55

### INTEGRAL RESISTOR

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	Test Voltage	Forward Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-0506	Red	655	2	5	13	60°	5RD-9422	6-56
550-0606	Red	655	2	12	13	60°	521-9262	6-43
550-0706	Green	565	8	5	12	60°	5RD-9423	6-56
550-0806	Yellow	583	8	5	10	60°	521-9284	6-43

### LOW CURRENT

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-1106	Red	635	2	1.8	2	50°	521-9320	6-44
550-1206	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1306	Green	565	1.8	1.8	2	50°	521-9327	6-44

### HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-2206	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2306	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2406	Red	650	7	2.2	10	50°	5HD-9269	6-53

### BI-COLOR

Bicolor data shown as red/green

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-3006	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48

### SUPER BRIGHT, DIFFUSED

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-5106	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5206	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5306	Yellow	585	34	2.2	20	50°	5SD-9455	6-57

### SUPER BRIGHT, WATER CLEAR (NON-TINTED, NON-DIFFUSED)

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>½</sub>	LED Data sheet	Page #
550-5506	Red	635	125	2.2	20	24	521-9464	6-49
550-5606	Green	565	120	2.3	20	24	521-9465	6-49
550-5706	Yellow	583	140	2.2	20	24	521-9466	6-49