

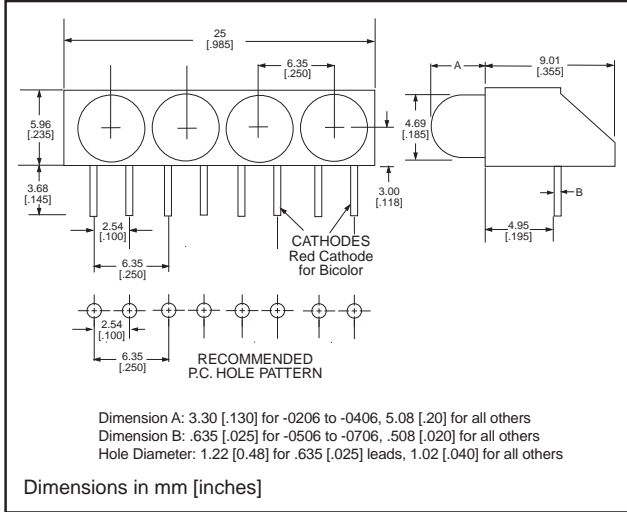
5mm

LED CBI® Circuit Board Indicator Sloped Back Housing, Quad Block

Not Recommended For New Designs

Dialight

550-xx06-004



PART NO.

COLOR*

GENERAL PURPOSE

| | |
|--------------|--------|
| 550-0206-004 | Green |
| 550-0306-004 | Yellow |
| 550-0406-004 | Red |

INTEGRAL RESISTOR

| | |
|--------------|------------|
| 550-0506-004 | Red, 5V |
| 550-0606-004 | Red, 12V |
| 550-0706-004 | Green, 5V |
| 550-0806-004 | Yellow, 5V |

LOW CURRENT

| | |
|--------------|--------|
| 550-1106-004 | Red |
| 550-1206-004 | Yellow |
| 550-1306-004 | Green |

HIGH EFFICIENCY

| | |
|--------------|--------|
| 550-2206-004 | Green |
| 550-2306-004 | Yellow |
| 550-2406-004 | Red |

BI-COLOR

| | |
|--------------|-----------|
| 550-3006-004 | Red/Green |
|--------------|-----------|

SUPER BRIGHT, DIFFUSED

| | |
|--------------|--------|
| 550-5106-004 | Red |
| 550-5206-004 | Green |
| 550-5306-004 | Yellow |

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

| | |
|--------------|--------|
| 550-5506-004 | Red |
| 550-5606-004 | Green |
| 550-5706-004 | Yellow |

* LED 1, LED 2, LED 3, LED 4

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
- Quad Block reduces insertions

Custom Combinations

- Contact factory for information on custom color combinations

LED Data

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

**(NOTE: 550-xx07-004 (Pg. 6-36)
includes standoffs and is recommended
for replacement and new designs)**

Typical Operating Characteristics ($T_A=25^\circ\text{C}$)

See LED data sheet for additional information

GENERAL PURPOSE

| Part Number | Color | Peak Wavelength nm | I_V mcd | V_F Volts | Test Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|--------|--------------------|-----------|-------------|-------------------|-------------------------------|----------------|--------|
| 550-0206-004 | Green | 565 | 12.3 | 2.1 | 20 | 60° | 5ND-9674 | 6-55 |
| 550-0306-004 | Yellow | 585 | 12.3 | 2.1 | 20 | 60° | 5ND-9673 | 6-55 |
| 550-0406-004 | Red | 635 | 12.3 | 2 | 20 | 60° | 5ND-9672 | 6-55 |

INTEGRAL RESISTOR

| Part Number | Color | Peak Wavelength nm | I_V mcd | Test Voltage | Forward Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|--------|--------------------|-----------|--------------|----------------------|-------------------------------|----------------|--------|
| 550-0506-004 | Red | 655 | 2 | 5 | 13 | 60° | 5RD-9422 | 6-56 |
| 550-0606-004 | Red | 655 | 2 | 12 | 13 | 60° | 521-9262 | 6-43 |
| 550-0706-004 | Green | 565 | 8 | 5 | 12 | 60° | 5RD-9423 | 6-56 |
| 550-0806-004 | Yellow | 583 | 8 | 5 | 10 | 60° | 521-9284 | 6-43 |

LOW CURRENT

| Part Number | Color | Peak Wavelength nm | I_V mcd | V_F Volts | Test Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|--------|--------------------|-----------|-------------|-------------------|-------------------------------|----------------|--------|
| 550-1106-004 | Red | 635 | 2 | 1.8 | 2 | 50° | 521-9320 | 6-44 |
| 550-1206-004 | Yellow | 583 | 1.8 | 1.9 | 2 | 50° | 521-9321 | 6-44 |
| 550-1306-004 | Green | 565 | 1.8 | 1.8 | 2 | 50° | 521-9327 | 6-44 |

HIGH EFFICIENCY

| Part Number | Color | Peak Wavelength nm | I_V mcd | V_F Volts | Test Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|--------|--------------------|-----------|-------------|-------------------|-------------------------------|----------------|--------|
| 550-2206-004 | Green | 563 | 10 | 2.1 | 10 | 65° | 5HD-9270-5 | 6-53 |
| 550-2306-004 | Yellow | 585 | 6.3 | 2.1 | 10 | 50° | 5HD-9271-5 | 6-53 |
| 550-2406-004 | Red | 650 | 7 | 2.2 | 10 | 50° | 5HD-9269 | 6-53 |

BI-COLOR

Bi-Color data shown as red/green

| Part Number | Color | Peak Wavelength nm | I_V mcd | V_F Volts | Test Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|-----------|--------------------|-----------|-------------|-------------------|-------------------------------|----------------|--------|
| 550-3006-004 | 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_V mcd | V_F Volts | Test Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|--------|--------------------|-----------|-------------|-------------------|-------------------------------|----------------|--------|
| 550-5106-004 | Red | 650 | 34 | 2.1 | 20 | 50° | 5SD-9441 | 6-57 |
| 550-5206-004 | Green | 563 | 34 | 2.2 | 20 | 50° | 5SD-9456 | 6-57 |
| 550-5306-004 | 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_V mcd | V_F Volts | Test Current (mA) | Viewing Angle $2\Theta_{1/2}$ | LED Data sheet | Page # |
|--------------|--------|--------------------|-----------|-------------|-------------------|-------------------------------|----------------|--------|
| 550-5506-004 | Red | 635 | 125 | 2.2 | 20 | 24° | 521-9464 | 6-49 |
| 550-5606-004 | Green | 565 | 120 | 2.3 | 20 | 24° | 521-9465 | 6-49 |
| 550-5706-004 | Yellow | 583 | 140 | 2.2 | 20 | 24° | 521-9466 | 6-49 |

Dialight