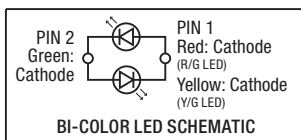
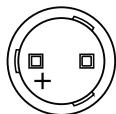
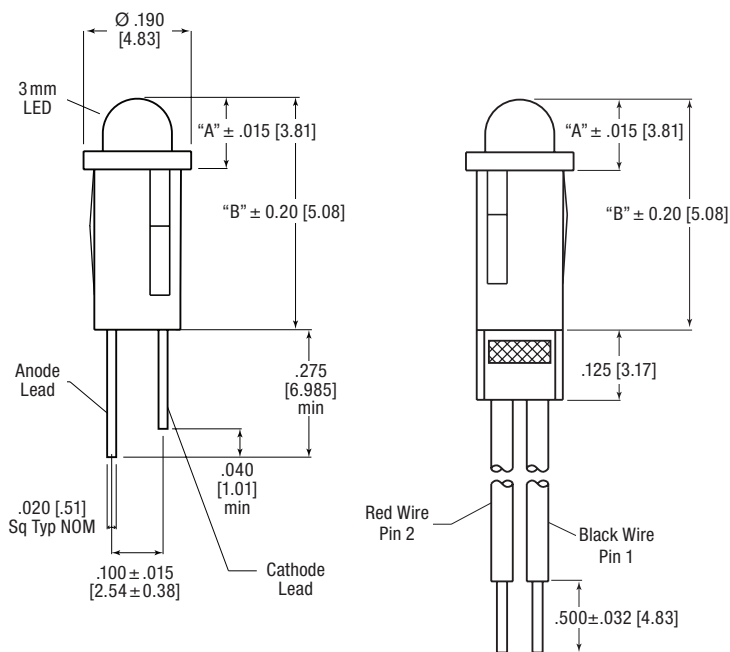




### Dimensions

inches [mm]



### Certifications & Ratings

- RoHS Compliant

### Application

Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- Fan tray assemblies
- Data center infrastructure (servers and storage)
- Networking equipment (switches and routers)
- Storage networking hardware (fiber channel host bus adapter cards)
- Next-Gen wireless infrastructure
- Electronic test & measurement instruments
- Communications testing equipment
- ... and many more!

### Mechanical information

**Mounting Hole Size:** 0.155 – 0.158" (3.94 – 4.01 mm)

**Max Panel Thickness:** 0.031 – 0.062" (.787 – 1.57 mm)

**Mounting Torque:** N/A

### Specifications

**Voltage Options:** 1.8 – 3.3 VDC typical, 5 VDC typical (resistor included)

**Operating Temp:** See table

**Storage Temp:** -55 °C to +100 °C (-67 °F to +212 °F)

**Electrical Connection:** Straight terminals for wire wrapping or 26 AWG lead wire

**Housing:** Valox UL94V-0 and enhances LED contrast

**Connectors:** Available upon request

**Possible Connectors:** Samtec IPD1-05-S-K

**Terminals:** Available upon request

**Possible Terminals:** Samtec CC79L-2630-01-S; AMP 1-104480-3

## Ordering Information 558 Series

### Part Number Guide

RoHS Compliant

|                         |   |   |   |   |   |   |   |   |   |                       |   |   |
|-------------------------|---|---|---|---|---|---|---|---|---|-----------------------|---|---|
| 5                       | 5 | 8 | - | X | X | X | X | - | 0 | X                     | X | F |
|                         |   |   |   |   |   |   |   |   |   | Wire Code             |   |   |
| LED Code<br>(see below) |   |   |   |   |   |   |   |   |   | Standard              | 0 |   |
|                         |   |   |   |   |   |   |   |   |   | PVC Free              | 2 |   |
|                         |   |   |   |   |   |   |   |   |   | Termination Code      |   |   |
|                         |   |   |   |   |   |   |   |   |   | Straight Terminals    | 1 |   |
|                         |   |   |   |   |   |   |   |   |   | 26 AWG 6" wire leads  | 3 |   |
|                         |   |   |   |   |   |   |   |   |   | 26 AWG 14" wire leads | 7 |   |

| LED Code | Color          | Peak Wavelength (nm) | Intensity Typ. (mcd) | If Typ. (mA) | Vf Typ. (V/DC)   | Viewing Angle | Max DC Forward Current (mA) | Type                      | Operating Temp    | DIM "A" | DIM "B" |
|----------|----------------|----------------------|----------------------|--------------|------------------|---------------|-----------------------------|---------------------------|-------------------|---------|---------|
| 0102     | Red            | 635                  | 29                   | 12           | 5                | 60            | 15                          | 5 V Integral Resistor     | -40 °C to +85 °C  | 0.101   | 0.381   |
| 0202     | Green          | 565                  | 19                   | 12           | 5                | 60            | 15                          |                           |                   |         |         |
| 0302     | Yellow         | 585                  | 12.6                 | 12           | 5                | 60            | 15                          |                           |                   |         |         |
| 3001     | Red / Green    | 630 / 565            | 5.6 / 8.7 @10 mA     | 10/20        | 1.9 / 2.0 @20 mA | 200           | 30 / 30                     | Bi-Color                  | -55 °C to +100 °C | 0.101   | 0.381   |
| 3101     | Red / Green    | 660 / 565            | 12.6 / 3.7           | 20           | 1.6 / 2.1        | 200           | 40 / 30                     |                           |                   |         |         |
| 3201     | Yellow / Green | 585 / 565            | 5.8 / 12.3           | 10           | 2.1 / 2.1        | 80            | 20 / 30                     |                           |                   |         |         |
| 0101     | Red            | 635                  | 8.7                  | 10           | 2                | 60            | 30                          | High Efficiency Diffused  | -25 °C to +85 °C  | 0.111   | 0.391   |
| 0201     | Green          | 565                  | 12.6                 | 10           | 2.1              | 60            | 30                          |                           |                   |         |         |
| 0301     | Yellow         | 585                  | 8.7                  | 10           | 2.1              | 60            | 20                          |                           | -55 °C to +85 °C  | 0.101   | 0.381   |
| 0401     | Orange         | 600                  | 7                    | 10           | 1.9              | 60            | 25                          |                           |                   |         |         |
| 1801     | Red            | 660                  | 60                   | 20           | 1.8              | 60            | 40                          | Low Current Diffused      | -55 °C to +100 °C | 0.107   | 0.387   |
| 0803     | Blue           | 468                  | 57                   | 10           | 3.2              | 100           | 30                          |                           | -40 °C to +100 °C |         |         |
| 1101     | Red            | 635                  | 2.4                  | 2            | 1.7              | 60            | 7                           |                           | -55 °C to +100 °C |         |         |
| 1201     | Yellow         | 585                  | 1.4                  | 2            | 1.8              | 60            | 7                           | Non-Tinted / Non-Diffused | -40 °C to +100 °C | 0.101   | 0.381   |
| 1301     | Green          | 565                  | 1.6                  | 2            | 1.9              | 60            | 7                           |                           | -40 °C to +100 °C |         |         |
| 0501     | Green          | 565                  | 70                   | 20           | 2.1              | 45            | 30                          |                           | -40 °C to +100 °C |         |         |
| 0601     | Yellow         | 592                  | 200                  | 20           | 1.9              | 45            | 50                          |                           | -40 °C to +85 °C  |         |         |
| 0701     | Red            | 660                  | 170                  | 20           | 1.8              | 45            | 40                          |                           |                   |         |         |
| 6003     | Blue           | 468                  | 520                  | 20           | 3.3              | 45            | 30                          |                           |                   |         |         |
| 6403     | White          | Y=.31<br>Y=.32       | 3000                 | 20           | 3.3              | 45            | 30                          | Tinted / Non-Diffused     | -55 °C to +100 °C | 0.101   | 0.381   |
| 1501     | Green          | 565                  | 40                   | 10           | 2.1              | 45            | 30                          |                           | -40 °C to +100 °C |         |         |
| 1601     | Yellow         | 585                  | 70                   | 20           | 2.1              | 45            | 20                          |                           | -40 °C to +100 °C |         |         |
| 1701     | Red            | 660                  | 170                  | 20           | 1.8              | 45            | 40                          | White Diffused            | -45 °C to +85 °C  | 0.101   | 0.381   |
| 6203     | Green          | 518                  | 85                   | 2            | 2.1              | 100           | 30                          |                           | -45 °C to +85 °C  |         |         |

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