



## Dimensions

inches [mm]



## Certifications & Ratings

- RoHS Compliant

## Application

Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AllnGaP 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 – 3.3VDC typical, 5VDC 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 |
|   |   |   |   |   |   |   |   |   | LED Code (see below)  |   | Wire Code |   |
|   |   |   |   |   |   |   |   |   | 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. (VDC)     | Viewing Angle | Max DC Forward Current (mA) | Type                      | Operating Temp  | DIM "A" | DIM "B" |
|----------|-------------------|----------------------|----------------------|--------------|-------------------|---------------|-----------------------------|---------------------------|-----------------|---------|---------|
| 0102     | ● Red             | 635                  | 29                   | 12           | 5                 | 60            | 15                          | 5V 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                           | Non-Tinted / Non-Diffused | -55°C to +100°C | 0.101   | 0.381   |
| 1201     | ● Yellow          | 585                  | 1.4                  | 2            | 1.8               | 60            | 7                           |                           | -40°C to +100°C |         |         |
| 1301     | ● Green           | 565                  | 1.6                  | 2            | 1.9               | 60            | 7                           |                           | -40°C to +100°C |         |         |
| 0501     | ● Green           | 565                  | 70                   | 20           | 2.1               | 45            | 30                          | Tinted / Non-Diffused     | -40°C to +85°C  | 0.101   | 0.381   |
| 0601     | ● Yellow          | 592                  | 200                  | 20           | 1.9               | 45            | 50                          |                           | -40°C to +100°C |         |         |
| 0701     | ● Red             | 660                  | 170                  | 20           | 1.8               | 45            | 40                          |                           | -40°C to +85°C  |         |         |
| 6003     | ● Blue            | 468                  | 520                  | 20           | 3.3               | 45            | 30                          |                           | -40°C to +85°C  |         |         |
| 6403     | ○ White           | Y=.31<br>Y=.32       | 3000                 | 20           | 3.3               | 45            | 30                          | White Diffused            | -45°C to +85°C  | 0.101   | 0.381   |
| 1501     | ● Green           | 565                  | 40                   | 10           | 2.1               | 45            | 30                          |                           | -55°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  |         |         |
| 6203     | ● Green           | 518                  | 85                   | 2            | 2.1               | 100           | 30                          | White Diffused            | -45°C to +85°C  |         |         |

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