



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 | Tinted / Non-Diffused | -40°C to +100°C | 0.101 | 0.381 |
| 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 | White Diffused | -45°C to +85°C | | |
| 6003 | ● Blue | 468 | 520 | 20 | 3.3 | 45 | 30 | | | | |
| 6403 | ○ White | Y=.31 Y=.32 | 3000 | 20 | 3.3 | 45 | 30 | | | | |
| 1501 | ● Green | 565 | 40 | 10 | 2.1 | 45 | 30 | White Diffused | -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 | | -45°C to +85°C | | |
| 6203 | ● Green | 518 | 85 | 2 | 2.1 | 100 | 30 | | | | |

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