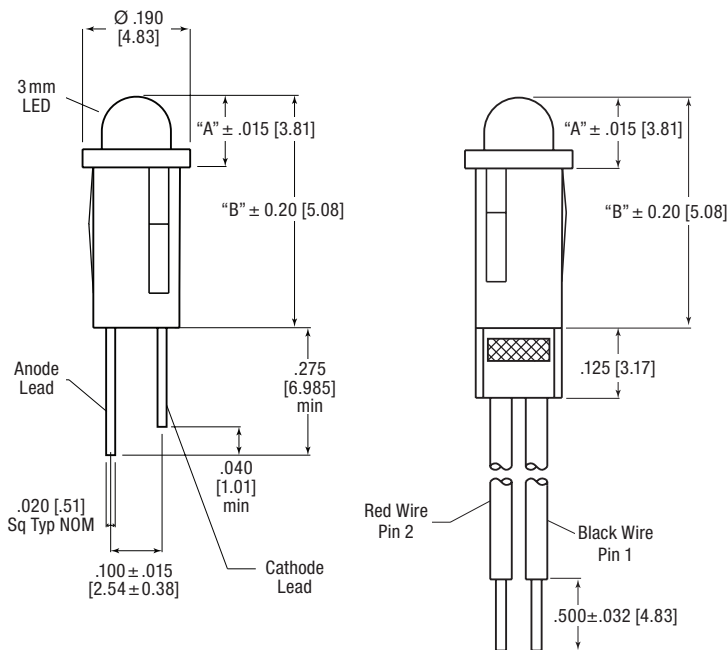




## Dimensions

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			
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		-55°C to +100°C			
0803	● Blue	468	57	10	3.2	100	30	Low Current Diffused	-40°C to +100°C	0.107	0.387	
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					
1301	● Green	565	1.6	2	1.9	60	7	Non-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					
0701	● Red	660	170	20	1.8	45	40		-40°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	Tinted / Non-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					
6203	● Green	518	85	2	2.1	100	30	White Diffused	-45°C to +85°C			

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.dialightsignalsandcomponents.com](http://www.dialightsignalsandcomponents.com)

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