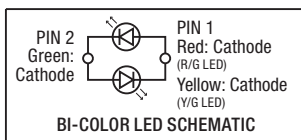
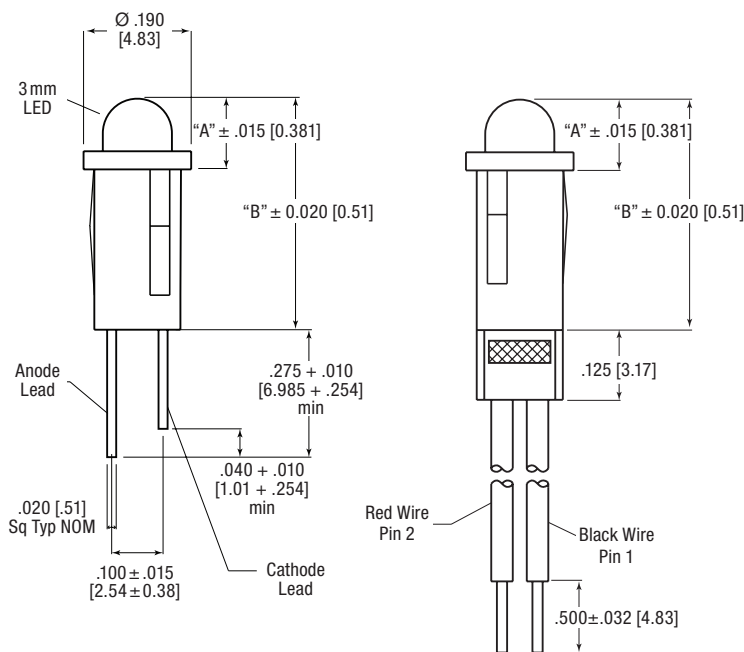




Dimensions

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 (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 +85 °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 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	0.101	0.381
1601	Yellow	585	70	20	2.1	45	20		-40 °C to +100 °C		
1701	Red	660	170	20	1.8	45	40		-40 °C to +100 °C		
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

Warranty Statement: Except for the warranty expressly provided for [herein/above/below], Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

Mouser Electronics

Authorized Distributor

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Dialight:

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558-0101-007F	558-0201-001F	558-0302-007F	558-1101-007F	558-1301-001F	558-0301-007F	558-1201-007F
558-0101-001F	558-1101-001F	558-0201-003F	558-0601-003F	558-0101-003F	558-0102-003F	558-0202-001F
558-0202-003F	558-0302-001F	558-0302-003F	558-0501-003F	558-0601-001F	558-0701-001F	558-0803-007F
558-1201-003F	558-1301-003F	558-1601-001F	558-1701-003F	558-1801-003F	558-3001-003F	558-6003-007F
558-6403-007F	558-0803-001F	558-6003-027F	558-0301-027F	558-0401-027F	558-1601-027F	558-0201-027F
558-0501-023F	558-1801-027F	558-6003-023F	558-1301-023F	558-0803-023F	558-0102-027F	558-0601-027F
558-0601-023F	558-0101-023F	558-1701-023F	558-3001-023F	558-1501-027F	558-3101-023F	558-0701-023F
558-1701-027F	558-1601-023F	558-1201-027F	558-1101-023F	558-1101-027F	558-1801-023F	558-6403-027F
558-3201-027F	558-3001-027F	558-1501-023F	558-0301-023F	558-6403-023F	558-0501-027F	558-0701-027F
558-1201-023F	558-3201-023F	558-0202-023F	558-0101-027F	558-0401-023F	558-1301-027F	558-3101-027F
558-0202-027F	558-0302-027F	558-0803-027F	558-0302-023F	558-0102-023F	558-0501-007F	558-1101-003F
558-1801-007F	558-3101-007F	558-3201-001F	558-0501-001F	558-1201-001F	558-1601-003F	558-0401-001F
558-0202-007F	558-0401-007F	558-3201-003F	558-0102-001F	558-1701-001F	558-1701-007F	558-0701-007F
558-1501-007F	558-0803-003F					