



# 558 Series - Daylight Viewable Snap-in LED Panel Mount Indicators



## FEATURES / BENEFITS

- ▲ Long life - typically 100K hours
- ▲ High Brightness for daylight viewing
- ▲ Non-tinted/Non-diffused or Tinted/Non-diffused LED
- ▲ Low power consumption - uses up to 90% less energy than an incandescent indicator
- ▲ Front panel snap-in mounting requires no additional hardware
- ▲ No heat generated
- ▲ Resistant to shock and vibration
- ▲ Termination - straight terminals for wire wrapping or lead wire for soldering or optional terminals
- ▲ Colors include - red, green, yellow, blue and white

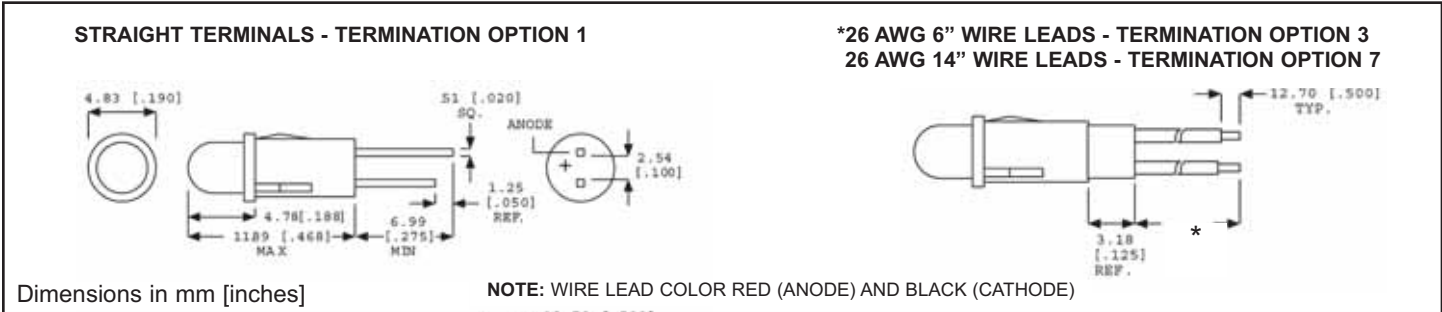
## APPLICATIONS

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

- Main and remote power indication
- Maintenance and warning indication
- Status indication
- Instrumentation
- .....and many more!

## SPECIFICATIONS

- ▲ Voltage requirements:  
2.1 - 3.5 VDC typical (current limiting resistor required)
- ▲ Mounting hole size: 0.155 -0.158" (3.94 - 4.01 mm)
- ▲ Panel thickness: 0.031-0.062" (.787 - 1.57 mm)
- ▲ Housing: Black housing material meets UL94V-0 and enhances LED contrast
- ▲ Operating temperature: -55°C to +100°C
- ▲ Storage temperature: -55°C to +100°C
- ▲ Electrical connection  
Straight terminals for wire wrapping or either 6 or 14 inch 26 AWG lead wire



Dialight reserves the right to make changes at any time in order to supply the best product possible.

Please see back of page for part numbers and additional specifications.



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## TINTED/NON-DIFFUSED

Part Number	Color	Peak Wavelength (nm)	Intensity typ. (mcd)	If typ. (mA)	Vf typ. (V)	Viewing Angle 2Ø 1/2	Max. forward current (mA)	Termination
558-1501-001	Green	565	40	10	2.1	45	30	Straight terminals
558-1601-001	Yellow	585	70	20	2.1	45	20	Straight terminals
558-1701-001	Red	660	80	10	1.8	45	40	Straight terminals
558-1501-003	Green	565	40	10	2.1	45	30	6 inch wire leads
558-1601-003	Yellow	585	70	20	2.1	45	20	6 inch wire leads
558-1701-003	Red	660	80	20	1.8	45	40	6 inch wire leads
558-1501-007	Green	565	40	10	2.1	45	30	14 inch wire leads
558-1601-007	Yellow	585	70	20	2.1	45	20	14 inch wire leads
558-1701-007	Red	660	80	20	1.8	45	40	14 inch wire leads

Typical Operating Characteristics (Ta=25°C)

## NON-TINTED/NON-DIFFUSED

Part Number	Color	Peak Wavelength (nm)	Intensity typ. (mcd)	If typ. (mA)	Vf typ. (V)	Viewing Angle 2Ø 1/2	Max. forward current (mA)	Termination
558-0501-001	Green	565	70	20	2.1	45	30	Straight terminals
558-0601-001	Yellow	592	200	20	1.9	45	50	Straight terminals
558-0701-001	Red	660	170	20	1.8	45	40	Straight terminals
558-6003-001	Blue	464	290	20	3.5	50	30	Straight terminals
558-6403-001	White	*	880	20	3.6	45	30	Straight terminals
558-0501-003	Green	565	70	20	2.1	45	30	6 inch wire leads
558-0601-003	Yellow	592	200	20	1.9	45	50	6 inch wire leads
558-0701-003	Red	660	170	20	1.8	45	40	6 inch wire leads
558-6003-003	Blue	464	290	20	3.6	45	30	6 inch wire leads
558-6403-003	White	*	880	20	2.0	45	30	6 inch wire leads
558-0501-007	Green	565	70	20	2.1	45	30	14 inch wire leads
558-0601-007	Yellow	592	200	20	1.9	45	50	14 inch wire leads
558-0701-007	Red	660	170	20	1.8	45	40	14 inch wire leads
558-6003-007	Blue	464	290	20	3.5	50	30	14 inch wire leads
558-6403-007	White	*	850	20	3.6	45	30	14 inch wire leads

Typical Operating Characteristics (Ta=25°C)

XY Coordinates: X = .31, Y = .32

## LED Panel Mount Indicator Selection

Dialight's line of LED Panel Mount Indicators are available in a variety of sizes and options.

Please visit our website for more information. [www.dialight.com](http://www.dialight.com)

- ▶ .156" (3.96mm) *558 Series*
- ▶ .250" (6.35mm) *559 Series*
- ▶ 5mm *605 Series*
- ▶ 6mm *606 Series*
- ▶ 7mm *607 Series*
- ▶ 8mm *608 Series*
- ▶ 9mm *609 Series*
- ▶ 10mm *610 Series*
- ▶ 11/16" Watertight *557 Series*
- ▶ 1" Watertight *556 Series*

