

## 557 SERIES

# Daylight Viewable Panel Mount Indicators

### MECHANICAL / SPECIFICATIONS

MOUNTING HOLE SIZE:  
0.687" (17.46 mm)

MAX PANEL THICKNESS:  
0.156" (3.96 mm)

MOUNTING TORQUE:  
15 in-lbs torque

VOLTAGE OPTIONS:  
5, 12, 24, and 28VDC (bi-color: 5VDC)

OPERATING TEMP:  
-25 °C to +85 °C  
(Bi-color: -30 °C to +80 °C)

STORAGE TEMP:  
-30 °C to +100 °C  
(bi-color: -40 °C to +85 °C)

ELECTRICAL CONNECTION:  
24 AWG Wire Leads

HOUSING:  
White Polycarbonate

LENS MATERIAL:  
Transparent Polycarbonate (UL 94V-0)

WIRE LEADS: 5.5"

LOCK WASHER:  
Phosphor Bronze—White Nickel Plated

NUT:  
Brass—White Nickel Plated

*Internal resistor included*

### CERTIFICATIONS & RATINGS

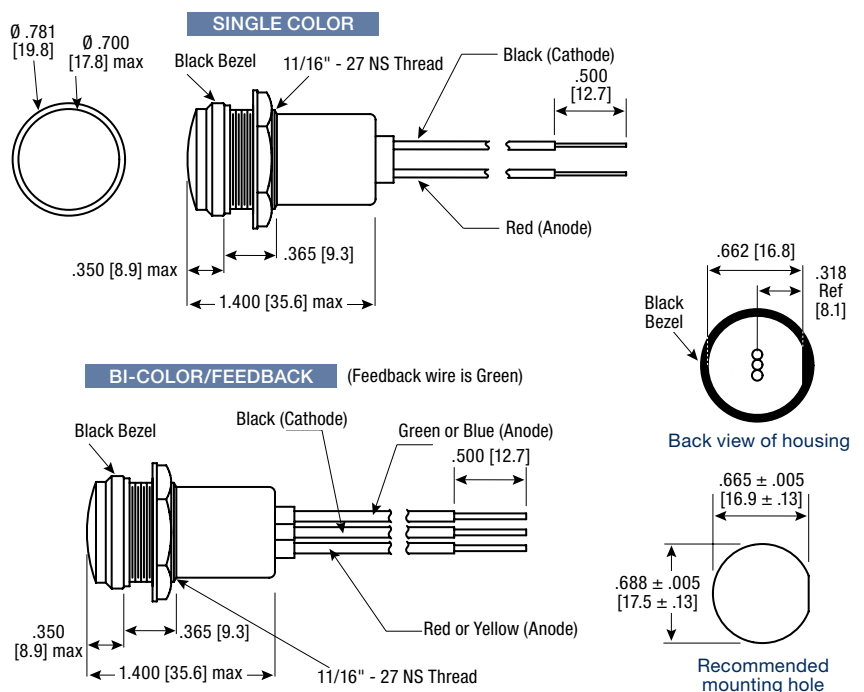
RoHS Compliant  
Watertight to Mil-L-3661B spec

### APPLICATION

The 557 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer higher intensities. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust, and sunlight.

- Instrument panels
- Vending, gaming
- Safety applications
- Lane control
- Transportation—rail, bus, airline

### DIMENSIONS inches [mm]



ORDERING INFORMATION

| Part Number                   | Color             | Voltage (VDC) | Current (mA) | Typical Intensity (mcd) |
|-------------------------------|-------------------|---------------|--------------|-------------------------|
| <a href="#">557-1002-203F</a> | ○ White           | 5             | 16           | 5350                    |
| <a href="#">557-1502-203F</a> | ● Red             |               | 80           | 800                     |
| <a href="#">557-1602-203F</a> | ● Green           |               | 16           | 8200                    |
| <a href="#">557-1702-203F</a> | ● Yellow          |               | 80           | 1550                    |
| <a href="#">557-1802-203F</a> | ● Blue            |               | 16           | 1200                    |
| <a href="#">557-1412-203F</a> | ●● Red / Green    |               | 70 / 16      | 720 / 1800              |
| <a href="#">557-1422-203F</a> | ●● Red / Blue     |               | 70 / 16      | 625 / 425               |
| <a href="#">557-1432-203F</a> | ●● Yellow / Green |               | 70 / 16      | 585 / 1700              |
| <a href="#">557-1442-203F</a> | ●● Yellow / Blue  |               | 70 / 16      | 635 / 445               |
| <a href="#">557-1452-203F</a> | ●● Yellow / Red   |               | 70 / 20      | 650 / 350               |
| <a href="#">557-1003-203F</a> | ○ White           | 12            | 16           | 5350                    |
| <a href="#">557-1503-203F</a> | ● Red             |               | 20           | 800                     |
| <a href="#">557-1603-203F</a> | ● Green           |               | 16           | 8200                    |
| <a href="#">557-1703-203F</a> | ● Yellow          |               | 20           | 1550                    |
| <a href="#">557-1803-203F</a> | ● Blue            |               | 16           | 1200                    |
| <a href="#">557-1005-203F</a> | ○ White           | 24            | 16           | 5350                    |
| <a href="#">557-1505-203F</a> | ● Red             |               | 20           | 800                     |
| <a href="#">557-1605-203F</a> | ● Green           |               | 16           | 8200                    |
| <a href="#">557-1705-203F</a> | ● Yellow          |               | 20           | 1550                    |
| <a href="#">557-1805-203F</a> | ● Blue            |               | 16           | 1200                    |
| <a href="#">557-1604-203F</a> | ● Green           | 28            | 16           | 8200                    |
| <a href="#">557-1704-203F</a> | ● Yellow          |               | 20           | 1550                    |
| <a href="#">557-1804-203F</a> | ● Blue            |               | 16           | 1200                    |

FEEDBACK CIRCUIT

|                               |         |    |    |      |
|-------------------------------|---------|----|----|------|
| <a href="#">557-1693-203F</a> | ● Green | 12 | 16 | 4900 |
|-------------------------------|---------|----|----|------|

FEEDBACK CIRCUIT SHOWS THE STATUS OF THE LED

| LED Status | Signal Voltage |
|------------|----------------|
| Normal     | 0-1            |
| Open       | 10-12          |
| Short      | 10-12          |



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