



Certifications & Ratings

- RoHS Compliant
- Watertight to Mil-L-3661B spec

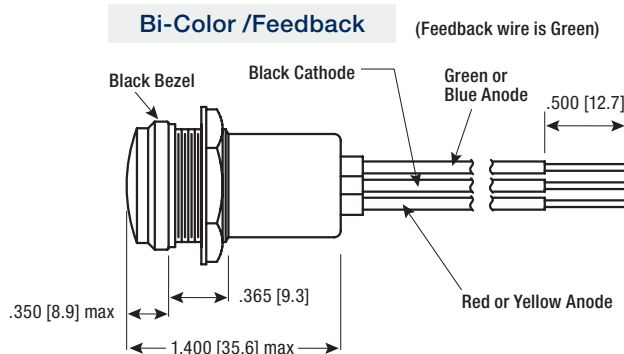
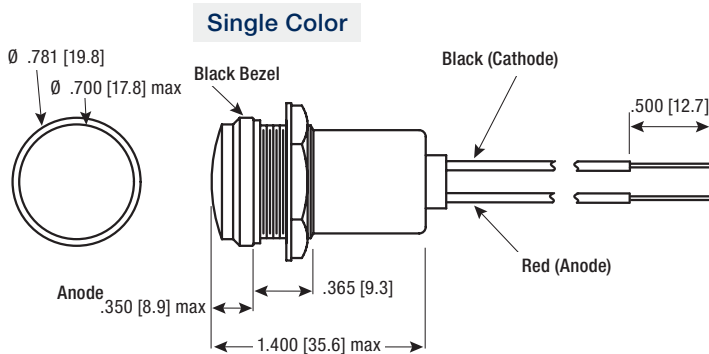
Application

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.

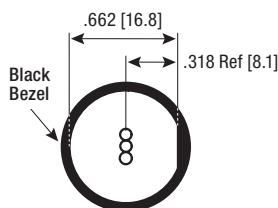
- Instrument panels
- Safety applications
- Transportation—rail, bus, airline
- Vending, gaming
- Lane control
- ... and many more!

Dimensions

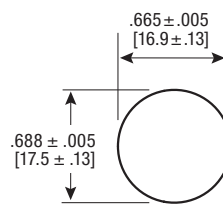
inches [mm]



Back View of Housing



Recommended Mounting Hole



Mechanical information

Mounting Hole Size: 0.687" (17.46 mm)

Max Panel Thickness: 0.156" (3.96 mm)

Mounting Torque: 15 in-lbs torque

Specifications

Voltage Options: 5, 12, 24, and 28 VDC (bi-color: 5 VDC)

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

Ordering Information 557 Series

Part Number Guide

Pin Number Guide

5

5

7

-

1

X

X

X

-

2

0

3

F

Color

○

White

0

0

●

Red

5

0

●

Green

6

0

●

Yellow

7

0

●

Blue

8

0

●

●

Red / Green

4

1

●

●

Red / Blue

4

2

●

●

Yellow / Green

4

3

●

●

Yellow / Blue

4

4

●

●

Yellow / Red

4

5

Voltage

2

5VDC

3

12 VDC*

4

28 VDC*

5

24 VDC*

*single color only

*single color only

Feedback Circuit

Part Number Guide

RoHS Compliant									
5	5	7	-	1	X	X	X	-	2 0 3 F
Color					Voltage				
● Green	6	9			3	12 VDC			

Feedback Circuit shows the status of the LED

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

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
557-1002-203F	○ White	5	16	5350
557-1502-203F	● Red		80	800
557-1602-203F	● Green		16	4900
557-1702-203F	● Yellow		80	1550
557-1802-203F	● Blue		16	1200
557-1412-203F	● Red / Green		70 / 16	720 / 1800
557-1422-203F	● Red / Blue		70 / 16	625 / 425
557-1432-203F	● Yellow / Green		70 / 16	585 / 1700
557-1442-203F	● Yellow / Blue		70 / 16	635 / 445
557-1452-203F	● Yellow / Red		70 / 20	650 / 350
557-1003-203F	○ White	12	16	5350
557-1503-203F	● Red		20	800
557-1603-203F	● Green		16	4900
557-1693-203F	● Green		16	4900
557-1703-203F	● Yellow		20	1550
557-1803-203F	● Blue		16	1200
557-1005-203F	○ White	24	16	5350
557-1505-203F	● Red		20	800
557-1605-203F	● Green		16	4900
557-1705-203F	● Yellow		20	1550
557-1805-203F	● Blue		16	1200
557-1604-203F	● Green	28	16	4900
557-1704-203F	● Yellow		20	1550
557-1804-203F	● Blue		16	1200

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

557-1805-203F	557-1104-203F	557-1204-203F	557-1103-203F	557-1203-203F	557-1703-203F	557-1602-203F
557-1705-203F	557-1603-203F	557-1502-203F	557-1803-203F	557-1503-203F	557-1802-203F	557-1505-203F
557-1605-203F	557-1412-203F	557-1702-203F	557-1432-203F	557-1002-203F	557-1003-203F	557-1005-203F
557-1422-203F	557-1442-203F	557-1452-203F	557-1201-203F	557-1101-203F	557-1303-203F	557-1402-203F
557-1804-203F	557-1704-203F	557-1503-213F	557-1701-203F	557-1604-203F	557-1304-203F	557-1501-203F
557-1301-203F	557-1693-203F					