557 Series
Daylight Viewable Panel Mount Indicators



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.

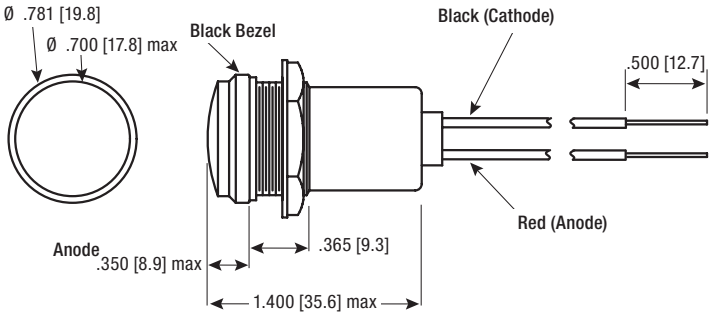
- Instrument panels
- Safety applications
- Transportation—rail, bus, airline
- Vending, gaming
- Lane control

. . . and many more!

Dimensions

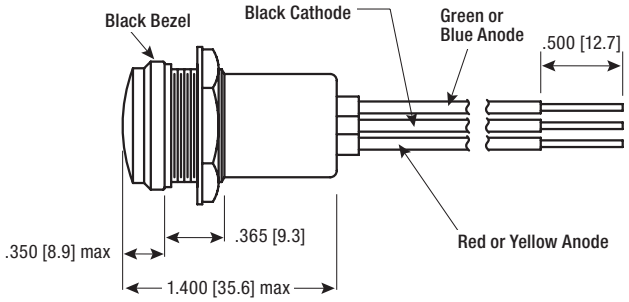
inches [mm]

Single Color

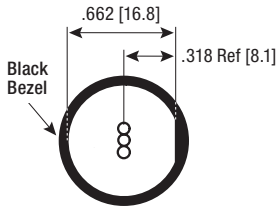


Bi-Color /Feedback

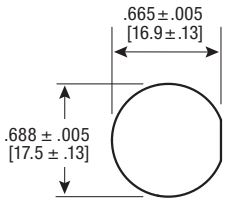
(Feedback wire is Green)



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

Dialight

Ordering Information 557 Series

Part Number Guide

RoHS Compliant

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	5 VDC
3	12 VDC*
4	28 VDC*
5	24 VDC*

single color only

Feedback Circuit PartNumber Guide

RoHS Compliant

5 5 7 - 1 X X X - 2 0 3 F

Color

Green	6 9

Voltage

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

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