



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 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

CERTIFICATIONS & RATINGS

RoHS Compliant

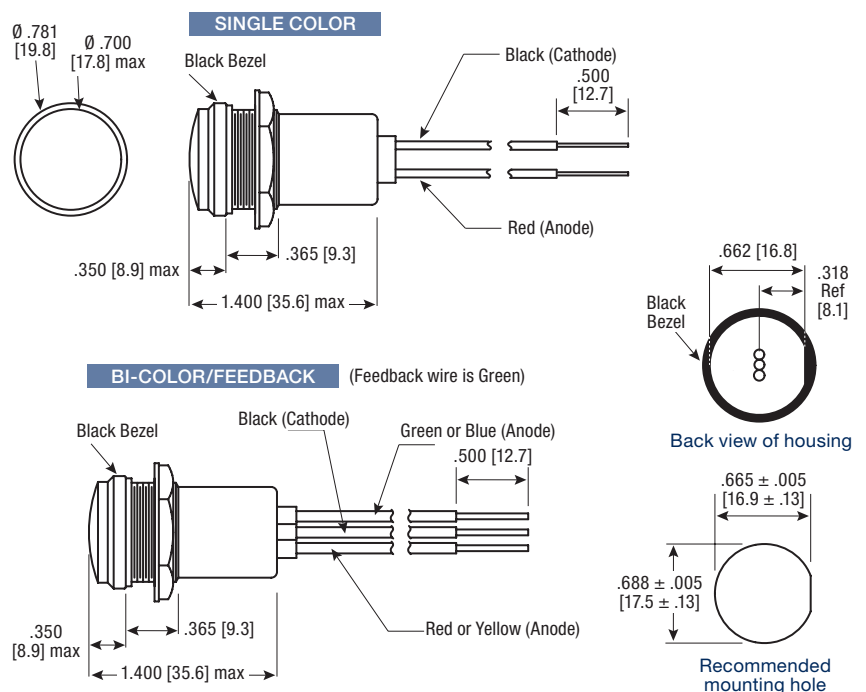
Watertight to Mil-L-3661B spec

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)
557-1002-203F	○ White	5	16	5350
557-1502-203F	● Red		80	800
557-1602-203F	● Green		16	8200
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	8200
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	8200
557-1705-203F	● Yellow		20	1550
557-1805-203F	● Blue		16	1200
557-1604-203F	● Green	28	16	8200
557-1704-203F	● Yellow		20	1550
557-1804-203F	● Blue		16	1200

FEEDBACK CIRCUIT

557-1693-203F	● 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



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 at: www.dialight.com/resources/warranties/, 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.