Dialight
Signals & Components

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678 SERIES

8mm High Intensity Panel Mount Indicators

MECHANICAL / SPECIFICATIONS

MOUNTING HOLE SIZE:
0.323" (8.2 mm) [Fig. 1 & 2];
0.335" (8.5 mm) [Fig. 3]

MAX PANEL THICKNESS:
see part number table

MOUNTING TORQUE:
0.271 lbs/ft (3 kg/cm) [Fig. 1 & 2]
0.362 lbs/ft (5 kg/cm) torque [Fig. 3]

OPERATING VOLTAGE:
2 & 3.3 V DC [Fig. 1 & 2]; 6, 12 & 24 V DC [Fig. 3]
(no resistor required)

OPERATING TEMP:
-20 °C to +75 °C (-4°F to 167°F)

STORAGE TEMP:
-40°C to +100°C (-40°F to 212°F)

ELECTRICAL CONNECTION:
Straight leads [Fig. 1 & 2]; Solder terminals or 6" wire leads [Fig. 3]

HOUSING:
Protruding: Chrome plated brass; Internal position: Polycarbonate

TERMINALS: Copper – Nickel Plated

LOCK WASHER: Iron – Nickel Plated

NUT: Brass – Nickel Plated

CERTIFICATIONS & RATINGS

RoHS compliant
IP66 (protruding type only)

APPLICATION

The 678 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

DIMENSIONS inches [mm]

FIGURE 1

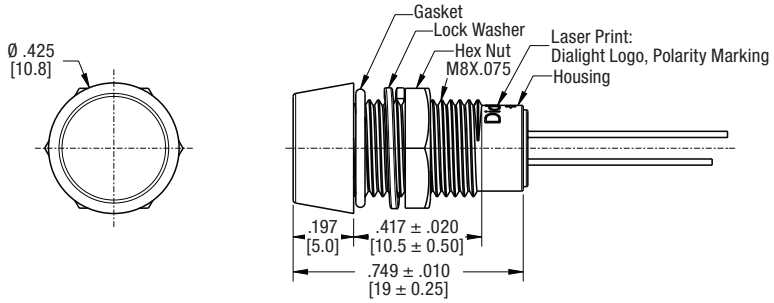
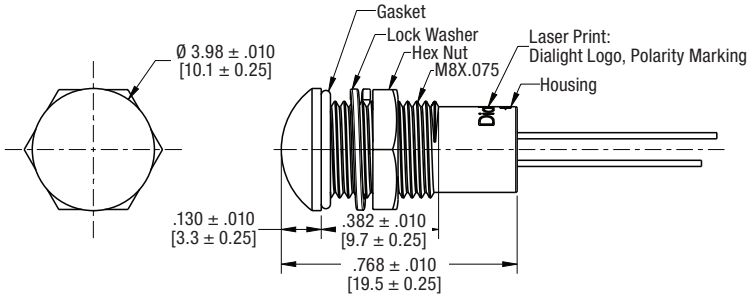


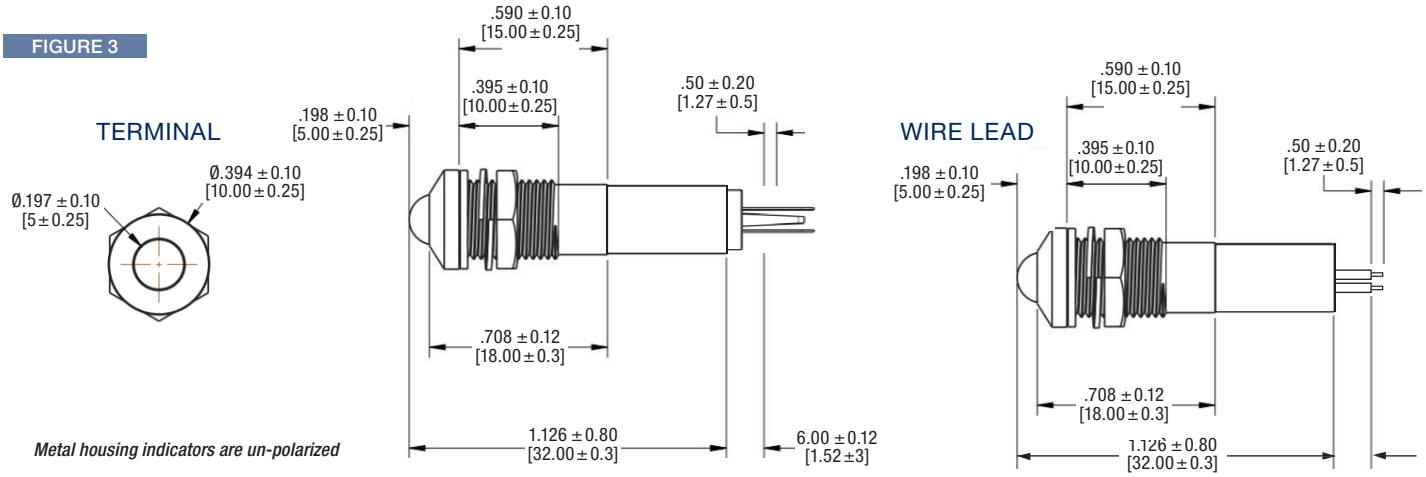
FIGURE 2



These indicators are un-polarized

DIMENSIONS inches [mm]

FIGURE 3



Metal housing indicators are un-polarized

ORDERING INFORMATION

Part Number Straight Leads	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
Polycarbonate									
678-1131-111F	Red	2	15	2210	4	Internal	1	Lock washer & nut	.2165" (5.5 mm)
678-1231-112F	Green	3.3		46860					
678-1331-113F	Orange	2		2210					
678-1431-114F	Blue	3.3		7100					
678-3131-111F	Red	2		3020	40		2		
678-3231-112F	Green	3.3		30600	20				
678-3331-113F	Orange	2		3260	20				
678-3431-114F	Blue	3.3		4360	40				

White Nickel

Part Number Terminals	Part Number Wire Leads	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
678-1112-321F	678-1115-321F	Red	6	15	320	20	Protruding	3	Lock washer & nut	.3158" (8.0 mm)
678-1212-322F	678-1215-322F	Green			2920					
678-1312-323F	678-1315-323F	Orange			490					
678-1412-324F	678-1415-324F	Blue			220					
678-1112-331F	678-1115-331F	Red	12		320					
678-1212-332F	678-1215-332F	Green			2920					
678-1312-333F	678-1315-333F	Orange			490					
678-1412-334F	678-1415-334F	Blue			220					
678-1112-341F	678-1115-341F	Red	24		320					
678-1212-342F	678-1215-342F	Green			2920					
678-1312-343F	678-1315-343F	Orange			490					
678-1412-344F	678-1415-344F	Blue			220					

RoHS compliant

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

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