



249 Series 3/8" Mounting Hole Panel Mount Indicators

Features & Benefits

- RoHS Compliant
- Long life – typically 100K hours
- Low power consumption – uses up to 90% less energy than an incandescent indicator
- Front or rear panel mounting
- Available in either cylindrical or stovepipe lens, unique internal fresnel design provides uniform illumination
- Aluminum black anodized housing enhances contrast
- No heat generated
- Resistant to shock and vibration
- Colors include – red, green, yellow and blue
- Polarity indication by terminal (+) denotes anode



Application

Dialight's 249 series LED panel mount indicator is available with a variety of LEDs as well as neon for 120 VAC operation. Typical applications for the 249 series include:

- Main and remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- Process Control
- and many more!

Mechanical Information

Mounting Hole Size: 0.375" (9.53 mm)

Max Panel Thickness: 0.312" (7.92 mm)

Mounting Torque: 8-10 in-lbs torque

Electrical Specifications

Operating Voltage: 3.6, 5, 10, 14 and 28V DC

Operating Temp: -20°C to +71°C

Storage Temp: -40° to +71°C

Electrical connection: Turret terminals for wire wrapping

Construction

Housing: Aluminum - Black Anodize

Terminals: Phosphor Bronze - Fused Tin

Knurled Flange Nut: Aluminum - Black Anodize

Lock Washer: Phosphor Bronze - White Nickel Plated

Nut: Brass - White Nickel Plated

Dialight recommends tolerance of 5% of specified voltage range

STOVEPIPE LENS

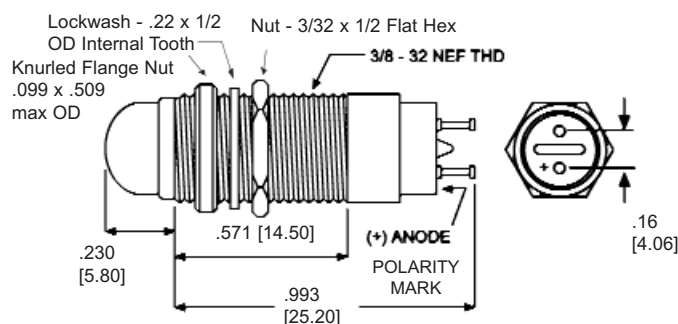


Figure 1

NOTES:

1. Dimensions in inches [mm]
2. All measurements are typical
3. Hardware includes knurled ring, lock washer & hex nut

CYLINDRICAL LENS 1

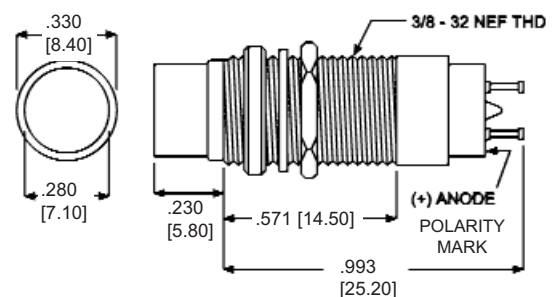


Figure 2

1. Cylindrical lens will provide wider viewing angle.

249 Series 3/8" Mounting Hole Panel Mount Indicators

Part Number	Color	Voltage (VDC)*	Current (mA)	Intensity typ (mcd)	Figure
Stovepipe Cap					
249-4162-3734-504F	Blue	3.5**	10	1500	1
249-7867-3731-504F	Red	3.6	20	170	1
249-7967-3732-504F	Green	3.6	20	100	1
249-8067-3733-504F	Yellow	3.6	20	150	1
249-4164-3734-504F	Blue	5	10	1500	1
249-7868-3731-504F	Red	5	20	170	1
249-7968-3732-504F	Green	5	20	100	1
249-8068-3733-504F	Yellow	5	20	150	1
249-4166-3734-504F	Blue	10	10	1500	1
249-7870-3731-504F	Red	10	20	170	1
249-7970-3732-504F	Green	10	20	100	1
249-8070-3733-504F	Yellow	10	20	150	1
249-4167-3734-504F	Blue	14	10	1500	1
249-7871-3731-504F	Red	14	20	170	1
249-7971-3732-504F	Green	14	20	100	1
249-8071-3733-504F	Yellow	14	20	150	1
249-4168-3734-504F	Blue	28	10	1500	1
249-7872-3731-504F	Red	28	20	170	1
249-7972-3732-504F	Green	28	20	100	1
249-8072-3733-504F	Yellow	28	20	150	1
Cylindrical Cap					
249-4162-3334-504F	Blue	3.5**	10	700	2
249-7867-3331-504F	Red	3.6	20	55	2
249-7967-3332-504F	Green	3.6	20	40	2
249-8067-3333-504F	Yellow	3.6	20	75	2
249-4164-3334-504F	Blue	5	10	700	2
249-7868-3331-504F	Red	5	20	55	2
249-7968-3332-504F	Green	5	20	40	2
249-8068-3333-504F	Yellow	5	20	75	2
249-4166-3334-504F	Blue	10	10	700	2
249-7870-3331-504F	Red	10	20	55	2
249-7970-3332-504F	Green	10	20	40	2
249-8070-3333-504F	Yellow	10	20	75	2
249-4167-3334-504F	Blue	14	10	700	2
249-7871-3331-504F	Red	14	20	55	2
249-7971-3332-504F	Green	14	20	40	2
249-8071-3333-504F	Yellow	14	20	75	2
249-4168-3334-504F	Blue	28	10	700	2
249-7872-3331-504F	Red	28	20	55	2
249-7972-3332-504F	Green	28	20	40	2
249-8072-3333-504F	Yellow	28	20	75	2

* Dialight recommends tolerance of 5% of specified voltage range

** VF typical - Requires current limiting resistor



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.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEL556CX001.pdf
Warranty Statement: EXCEPT FOR THE WARRANTY EXPRESSLY PROVIDED FOR [HEREIN/ABOVE/BELOW], 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.