



Application:

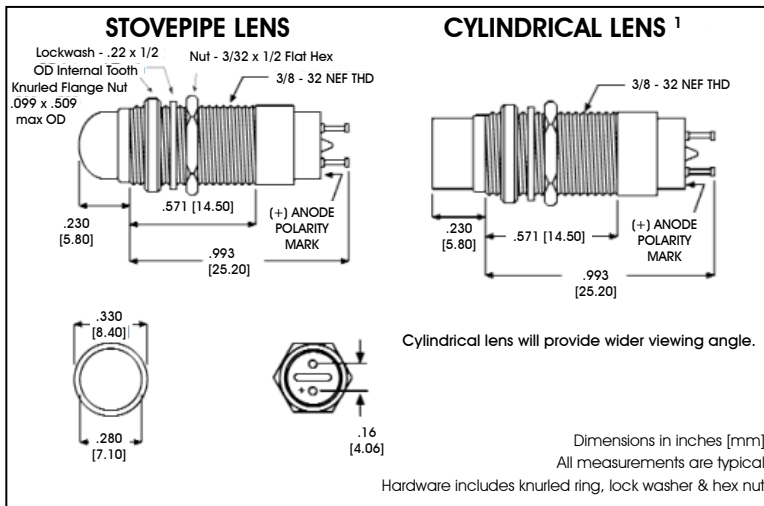
Dialight's 249 series LED panel mount indicator is available with a variety of LED's including AllnGap and InGan technology for high brightness applications. These indicators are designed for a variety of applications such as:

- Main and remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- Process control

...and many more!

249 Series

Front or Rear Panel Mount Indicators



Certifications & Ratings

- RoHS Compliant

Features and Benefits

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

Mechanical Information

Mounting Hole Size:	0.375" (9.53 mm)
Max Panel Thickness:	.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:	-55°C to +71°C
Storage Temp:	-55°C to +71°C
Electrical connection	Turret terminals for wire wrapping

Construction

Housing:	Aluminum – Black Anodized
Terminals:	Phosphor Bronze – Fused Tin
Knurled Flange Nut:	Aluminum – Black Anodized
Lock washer:	Phosphor Bronze – White Nickel Plated
Nut:	Brass – White Nickel Plated



249 Series

Front or Rear Panel Mount Indicators

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

* Dialight recommends tolerance of 5% of specified voltage range

** VF typical - Requires current limiting resistor

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