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Dialight



Application:

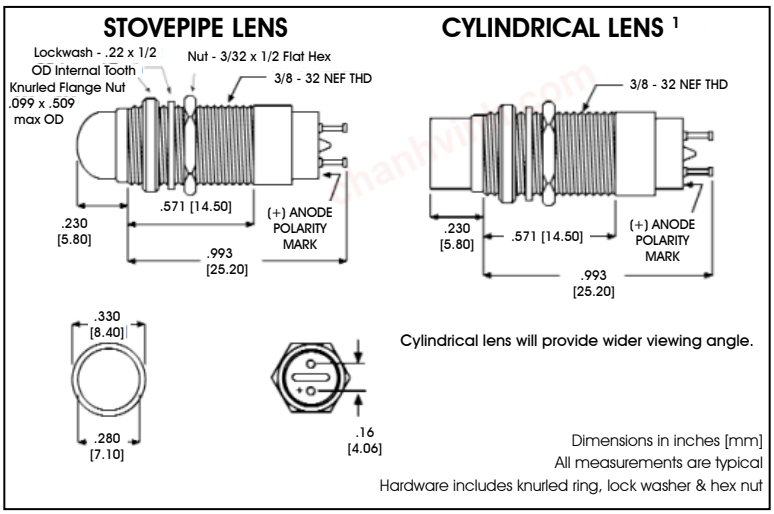
Dialight's 249 series LED panel mount indicator is available with a variety of LED's including AlInGap and InGan technology for high brightness applications. These indicators are designed for a variety of applications such as:

- 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 that 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

RoHS COMPLIANT A4703 UL REGISTERED FIRM ISO 9001 Dialight Corporation

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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

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/MDEL249X001.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 NON-INFRINGEMENT.