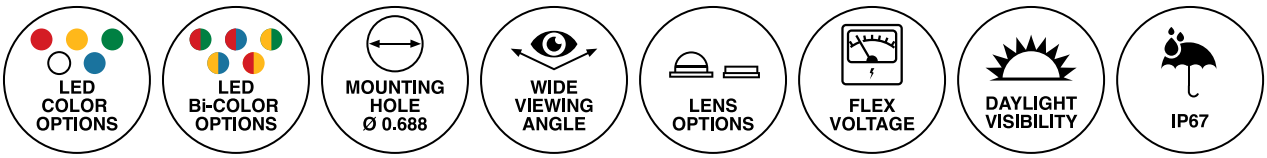
PML50 Series
0.688” (17.5mm) Harsh Environment LED FlexVolt™ Panel Mount Indicator

PML50 Series with built-in LED FlexVolt™ technology



Application

- Industrial
- Transportation
- High Humidity, Sunlight and/or rain-expose conditions
- Maritime, Oil and Gas Industry
- Automation and Control
- High Vibration
- Safety and Emergency
- Pilot Instrumentation
- Outdoor Applications

Key Features

- For panel hole diameter: 0.688” (17.5mm)
- Low profile flat and semi dome lens options for uniform illumination
- Flat lens with a clear diffused lens for increased contrast visibility between on and off
- Semi dome lens with a white diffused lens for optimal side distance viewing
- Increase productivity w/color coded wiring
- Single colors options: Red, Green, White, Blue and Yellow
- Bi-color options: Red/Green, Red/Blue, Yellow/Green, Yellow/Blue and Red//Yellow
- Offered with two lens options: Low Profile Flat and Semi Dome
- Resistant to shock and vibration
- Flex voltage (5 VDC to 28 VDC) designed for application flexibility: one solution for several required input voltages
- Wide viewing angle
- Mounting hardware provided: lock washer and hex nut
- “Double D” mounting hole prevents any rotation of the indicator while the nut is being installed
- IP67 specification rating protects front panels against entry of dust, rain and moisture
- InGaN and AlInGaP Technology
- Visible LED in direct sunlight with UV resistance lens
- Long lifetime, up to 100k hours
- Does not require an external resistor to work
- For custom cable length, connectors or colors contact VCC
- RoHS and REACH Compliant

Ordering Data

PML50

Example:

PML50RFVW

PML50 Series, Red Color,
5 VDC to 28 VDC

PML50 - Semi Dome

Example:

PML50SWFVW

PML50 Series, White Color, 5 VDC to
28 VDC, Semi Dome Lens

Part Number	Color	Lens	Terminal	Voltage	Luminance (mcd)
PML50RFVW	Red	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	950
PML50WFVW	White	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	2980
PML50GFVW	Green	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	3640
PML50BFVW	Blue	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	270
PML50YFVW	Yellow	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	2020
PML50SRFVW	Red	Semi Dome	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	780
PML50SWFVW	White	Semi Dome	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	1090
PML50SGFVW	Green	Semi Dome	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	1770
PML50SBFVW	Blue	Semi Dome	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	200
PML50SYFVW	Yellow	Semi Dome	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	970

PML50 - Bi-Color

Example:

PML50YGFVW

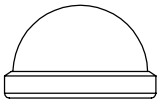
PML50 Series, Yellow/Green Bi-Color,
5 VDC to 28 VDC

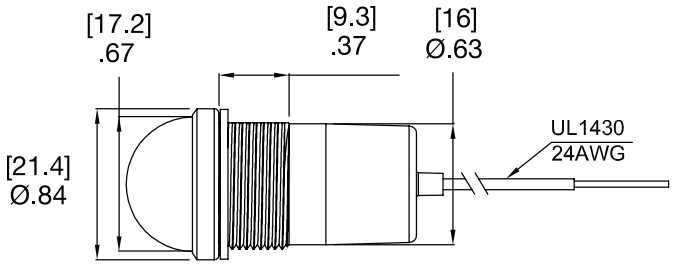
Part Number	Color	Lens	Terminal	Voltage	Luminance (mcd)
PML50RGFVW	Red/Green	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	1130/2380
PML50RBFVW	Red/Blue	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	870/2373
PML50YGFVW	Yellow/Green	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	1087/762
PML50YBFVW	Yellow/Blue	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	762/2373
PML50RYFVW	Red/Yellow	Flat	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	870/394
PML50SRGFVW	Red/Green	Semi Dome	24 AWG 5.5” color-coded wire leads	5 VDC to 28 VDC	520/1370

Notes: Test Parameters: Voltage at 24VDC and Temperature at 25°C or 77°F

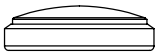
Product Dimensions

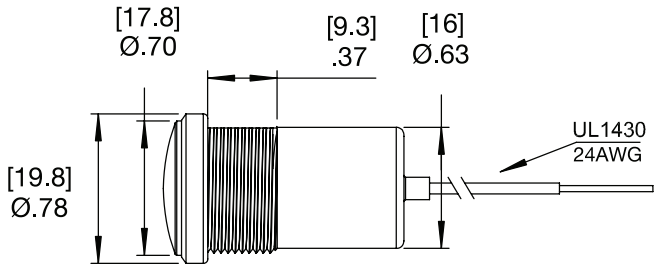
Semi Dome Lens



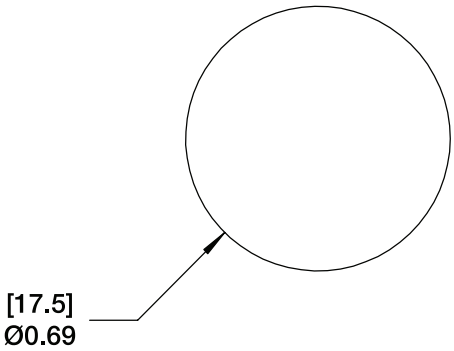


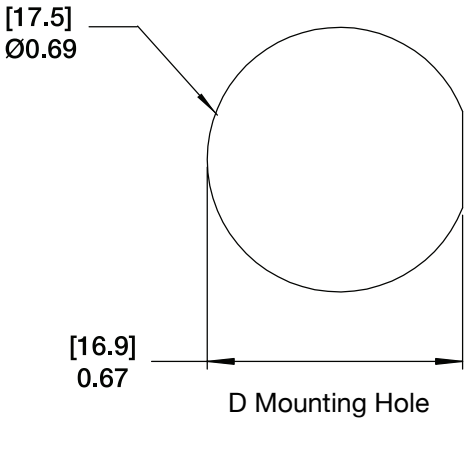
Flat Lens





Recommended Mounting Hole



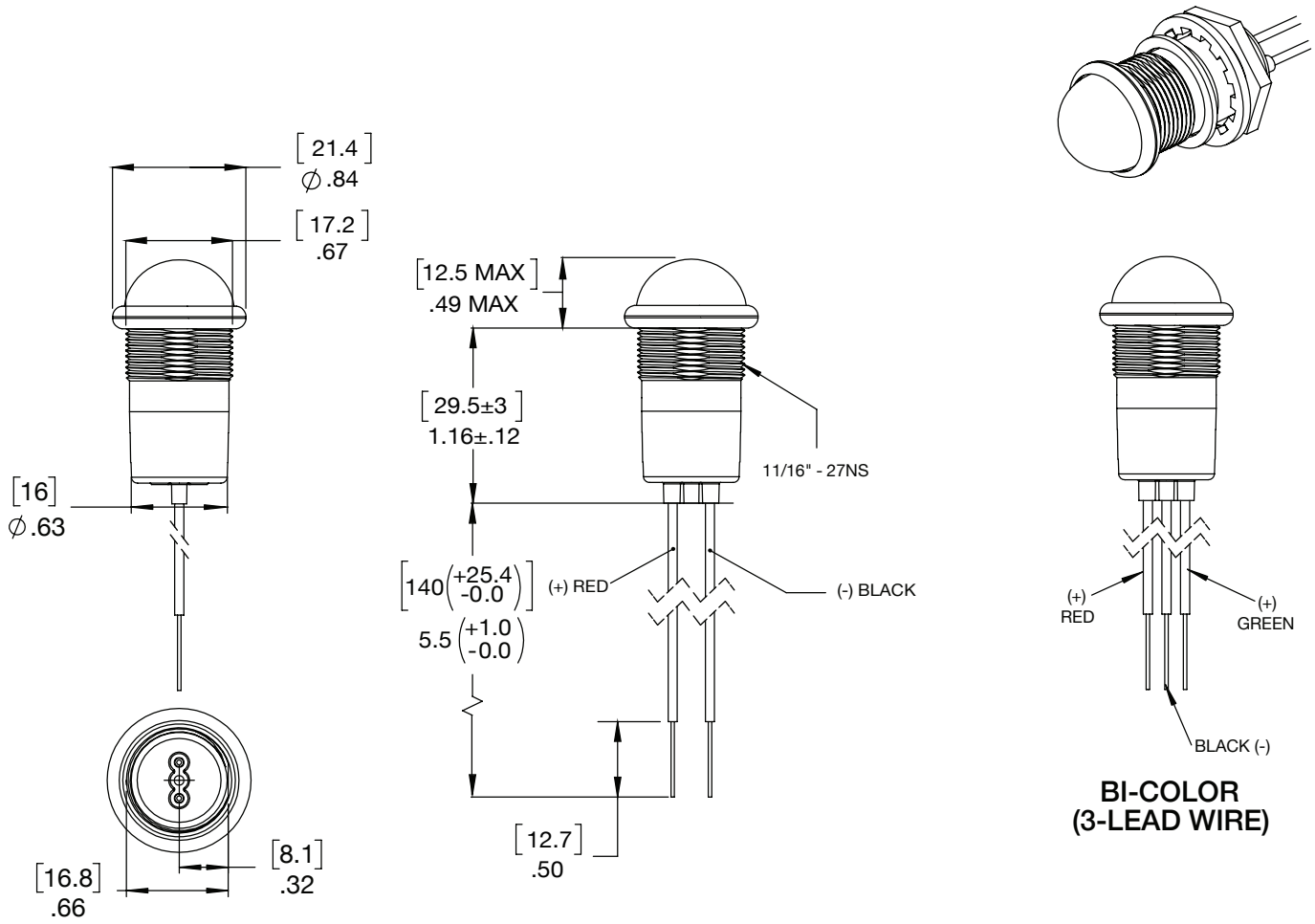


D Mounting Hole

Notes:
1. All dimensions are in inches [millimeters]
2. Tolerance is ±[0.25] 0.01 unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Product Dimensions

Semi Dome Lens



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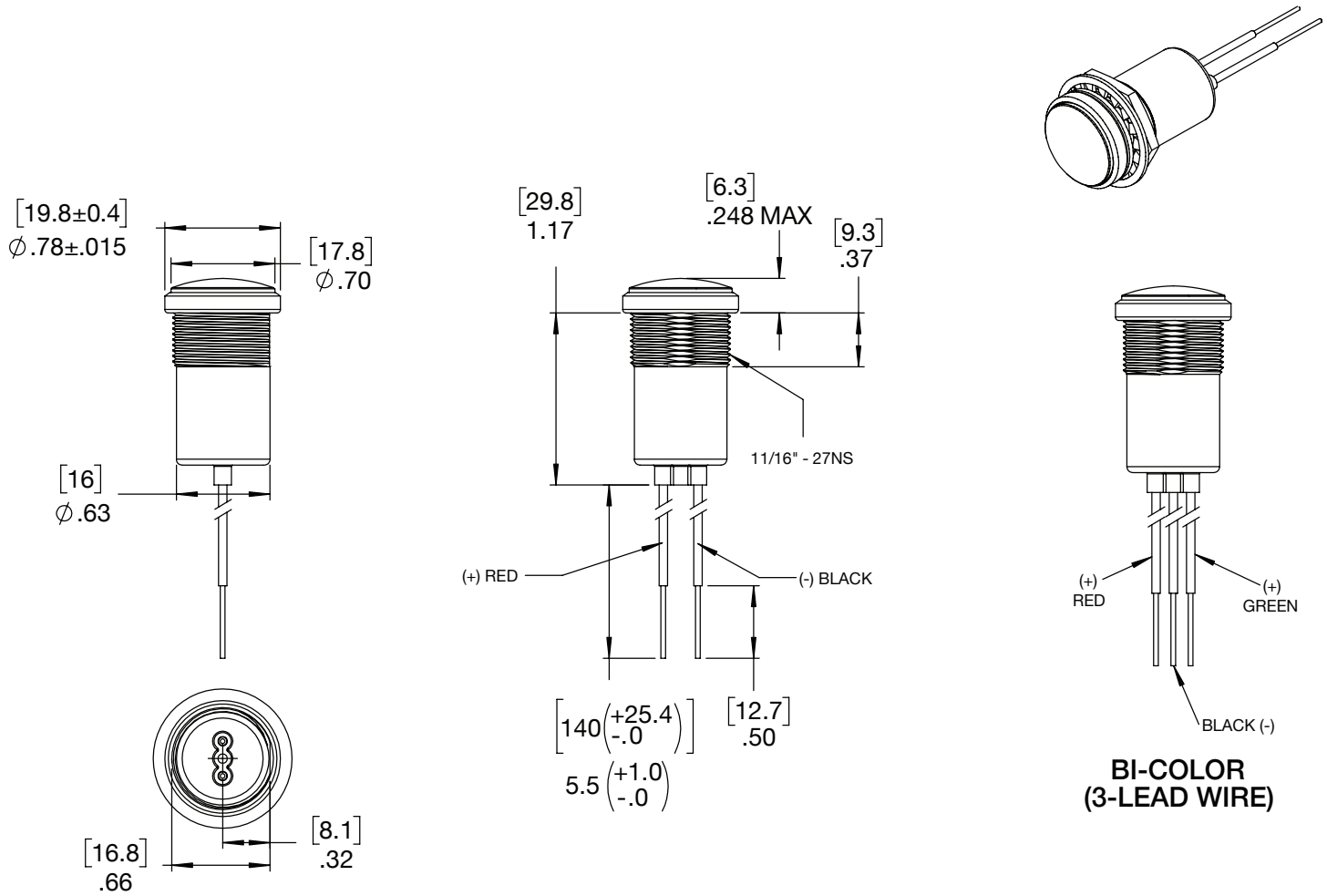
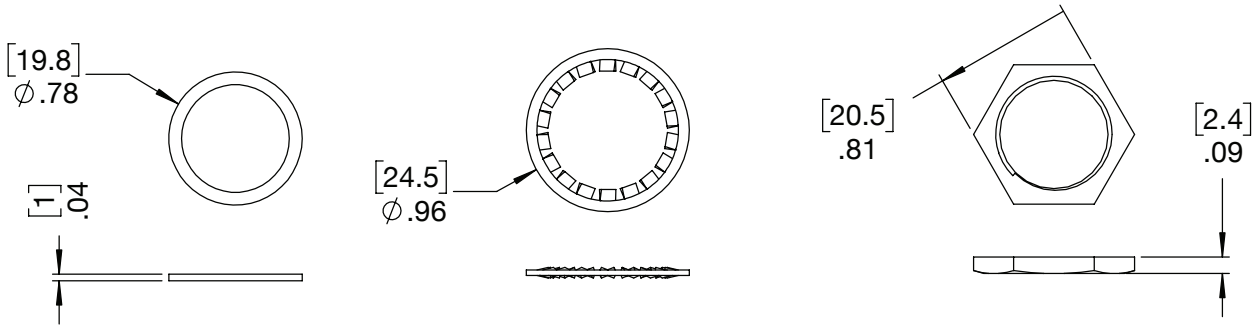
Product Dimensions

Flat Lens



BI-COLOR (3-LEAD WIRE)

Mounting Hardware (Included for flat and semi dome lenses)



Washer: EPDM

Lock Washer: SPCC Nickel Plated

Hex Nut: Brass Nickel Plated

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