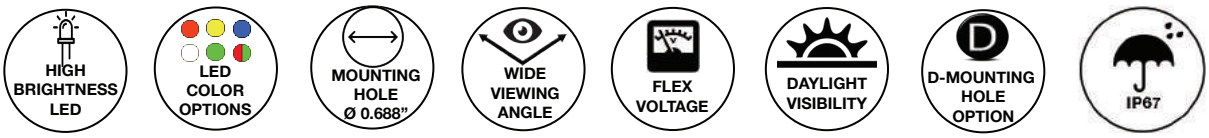
# PML50 Series
# 0.688” (17.5mm) Low Profile LED FlexVolt™ Panel Mount Indicator



## PML50 Series with built-in LED FlexVolt™ technology offers daytime visibility, easy installation in harsh environments




## Applications

- Industrial
- Transportation
- People Movers
- Automation and Control
- Maritime, Oil and Gas Industry
- Safety and Emergency Applications
- Slot, Gaming and Vending Machines
- Outdoor Applications

## Key Features

- For panel hole diameter: 0.688" (17.5mm)
- Low profile semi dome lenses for uniform illumination
- Mounting hardware provided: lock washer and hex nut.
- Clear transparent lenses and high brightness LEDs produce daylight and outdoor visibility.
- Designed for extreme harsh and outdoor environments.
- Available in five solid colors (red, green, white, blue and yellow) and one bicolor (red/green).
- 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.
- Maximum installation torque: 15in/lb.
- D mounting hole to prevent rotation.
- IP67 protection rating protect panels against entry of dust and moisture.
- Long lifetime, up to 100k hours
- Retrofit solution: save energy and reduce costs.
- Please contact us for modified standard options (e.g. quick connection, wire length).
- RoHS and REACH Compliant.

## Ordering Data

The PML50 Series is available in a range of standard features and options.
To specify your Panel Mount Indicator, select one option from each column.

| Product | Illumination Type | Mounting Hole | LED Color | Voltage | Termination |
|---|---|---|---|---|---|
| PM | L | 50 | | FV | W |

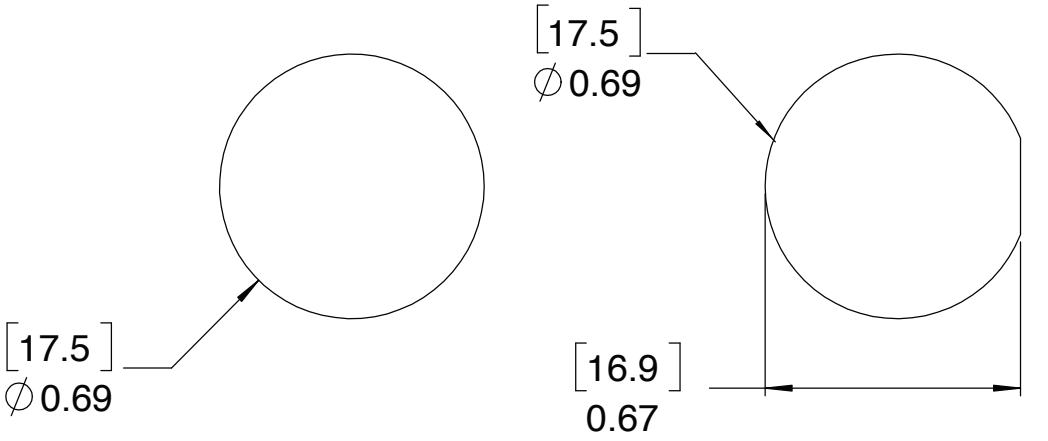
- PM: Panel Mount Indicator
- L: LED
- 50: 0.688”
- FV: Flex Voltage: 5 to 28 VDC
- W: Wire

| | |
|---|---|
| **B** | Blue |
| **G** | Green |
| **R** | Red |
| **W** | White |
| **Y** | Yellow |
| **RG** | Red/Green |

| Part Numbers | Color |
|---|---|
| PML50RFVW | Red |
| PML50WFVW | White |
| PML50GFVW | Green |
| PML50BFVW | Blue |
| PML50YFVW | Yellow |
| PML50RGFVW | Red/Green |

## Product Dimensions

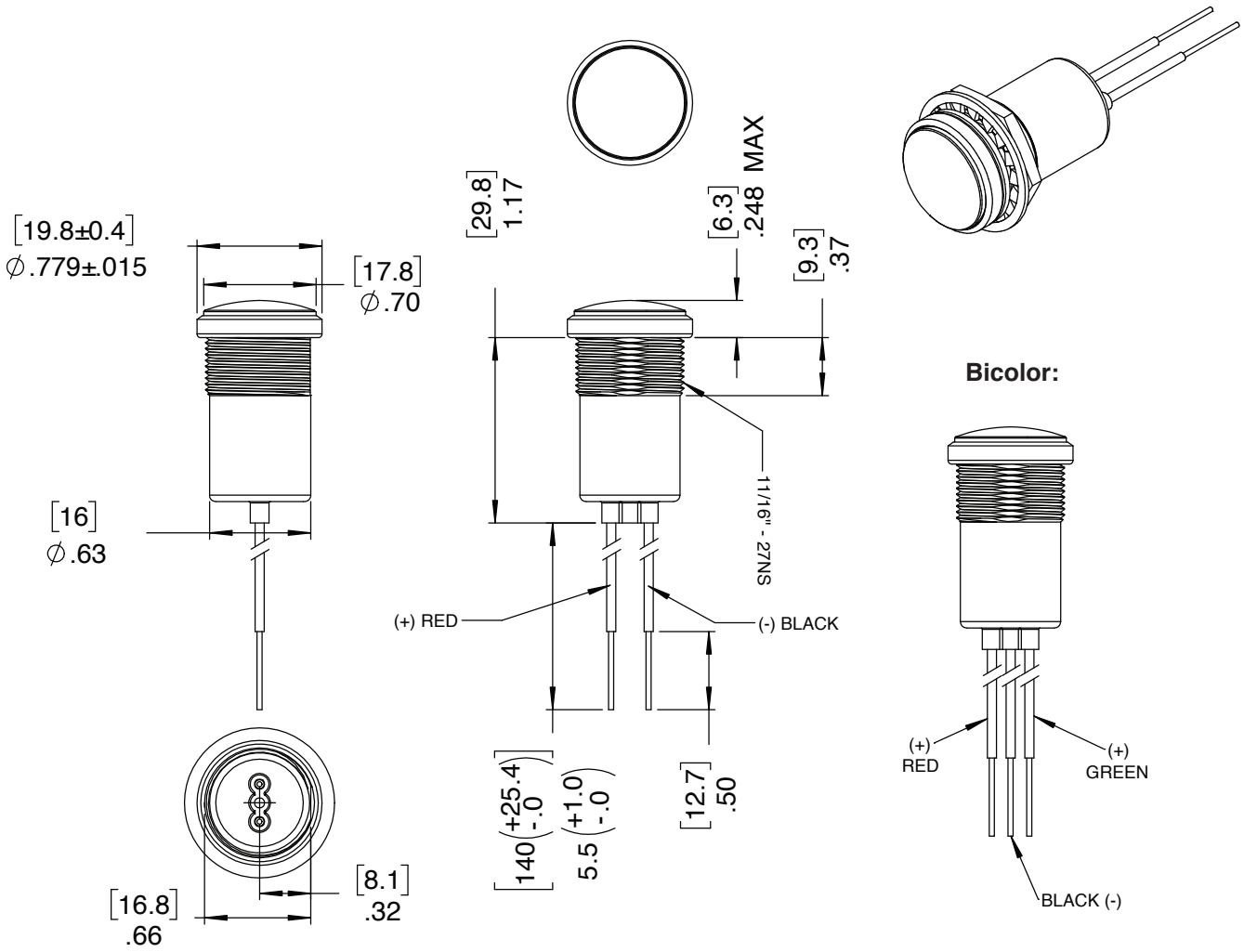
Recommended Mounting Hole



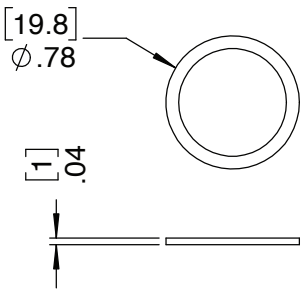

D Mounting Hole

Notes:
1. All dimensions are in [millimeters] inches.
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.

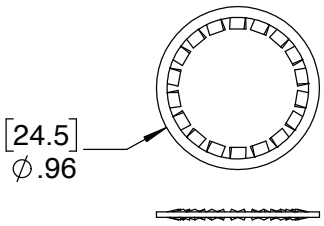
## Product Dimensions



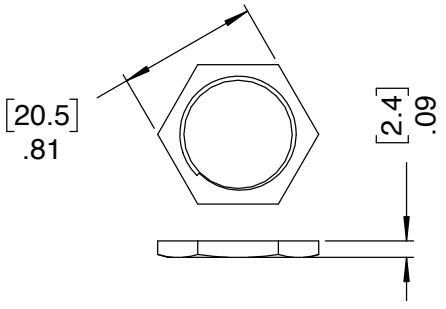

Gasket (already assembled):




Lock Washer:




Hex Nut:




Notes:

1. All dimensions are in [millimeters] inches.
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 Specifications

| Materials | |
|---|---|
| Housing | White Polycarbonate UL 94 V-0 |
| Lens | Transparent Polycarbonate UL94 V-0 |
| Bezel | Plated, Black Color Finish |
| Wire Leads | Tinned Copper Conductor PVC Insulation |
| Washer (installed) | EPDM rubber |
| Lock Washer | SPCC, Nickel Plated |
| Hex Nut | Brass, Nickel Plated |

| Electrical Specifications | |
|---|---|
| Operating Voltage | 5 VDC to 28 VDC (flex voltage) |
| Operating Current | 20mA (max.) |

| Installation Specifications | |
|---|---|
| Mounting Hole (”D” Shape) | 11/16” or 0.688” (17.46 mm) |
| Panel Thickness (max.) | 0.156” (3.96 mm) |
| Wire Leads | 24 AWG - UL1430 rated, 5.5” (140 mm) long, stripped .5” **Anode (+)**: Red lead (Single Color) and Green and Red leads (Bicolor) |
| Mounting Torque | 15 in-lbs (17.28 kg-cm) |

| Temperature Specifications | |
|---|---|
| Operating Temperature | -25°C to +80°C<br>-13°F to +176°F |
| Storage Temperature | -30°C to +100°C<br>-22°F to +212°F |

## Optical Ratings*

| Part Number | Color | Luminance (fL) |
|---|---|---|
| PML50RFVW | Red | 1150 |
| PML50YFVW | Yellow | 2700 |
| PML50WFVW | White | 3600 |
| PML50GFVW | Green | 4850 |
| PML50BFVW | Blue | 306 |
| PML50RGFVW | Red/Green | 1830/1820 |

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

## Compliances and Approvals