



# Ruggedized LED Panel Mount Indicator



CNX 480 and 482 Series offer a robust anodized aluminum body delivering NEMA 4 protection from the elements

## Applications

- instrument panels
- disinfection and sterilization environments
- transportation dashboards
- safety applications
- outdoor signage
- aircraft and military
- industrial machinery
- electrical control panels
- vending and gaming machines

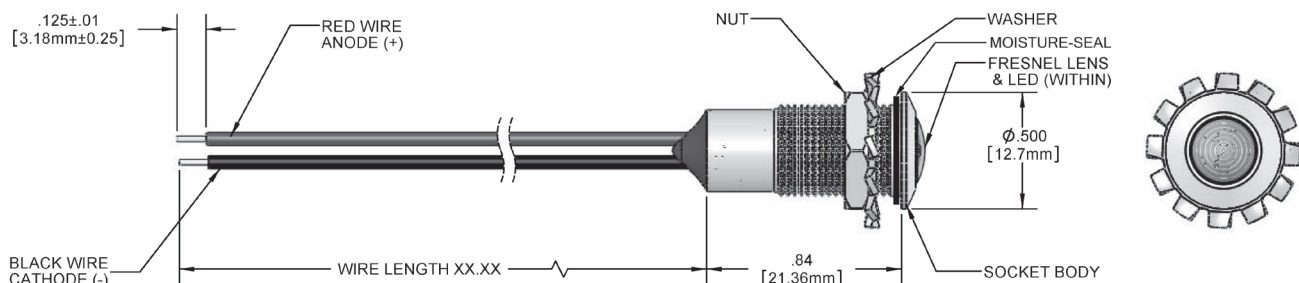
## Key features

- designed for harsh and outdoor environments
- wide angle viewable
- low profile for anti-vandalism
- direct sunlight visibility
- resistant to shock and vibration
- ESD protection
- custom LEDs, lens and body colors available
- RoHS compliant

## Dimensions



CNX480 without moisture-seal



CNX482 with moisture seal

## Product specifications

| LED output  |                    |                          |
|-------------|--------------------|--------------------------|
| LED color** | typ intensity, mcd | forward voltage, V (typ) |
| red         | 245-345            | 1.8                      |
| green       | 345-485            | 1.9                      |
| white       | 3500-4900          | 2.8                      |
| blue        | 950-1300           | 3.0                      |
| yellow      | 280-380            | 1.9                      |

| Materials     |   |
|---------------|---|
| socket body   | aluminum alloy  |
| lens          | polycarbonate, UL rating 94-V2                            |
| washer        | steel, zinc plated, UL rating 94-V0                       |
| retaining nut | aluminum alloy  |
| wire          | 24 AWG 1007/1569<br>red = anode(+)<br>black = cathode (-) |
| moisture seal | EPDM  |

| Installation specification |  |
|----------------------------|--|
| mounting hole              | .399±.004 (10.1mm±.1)                  |
| panel thickness            | .059(1.5mm) min to<br>.320 (8.1mm) max |

| Operating parameters  |                                  |
|-----------------------|----------------------------------|
| operating temperature | -40°F (-40°C) to<br>176°F (80°C) |
| LED output current    | 20mA                             |

## Ordering data



\*\*LED color same as the lens color.

Example: Red LED comes with a red lens.