



CNX 480/482 Series .399" (10.1mm) Ruggedized LED Panel Mount Indicator



CNX480/482 Series offer a robust anodized aluminum body with a low profile for anti-vandalism, ESD protection and NEMA4*

*CNX482 offer with moisture seal

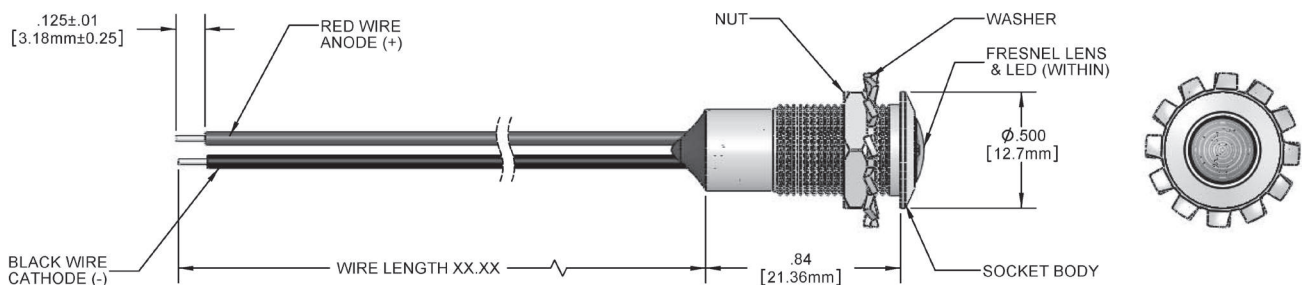
Applications

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

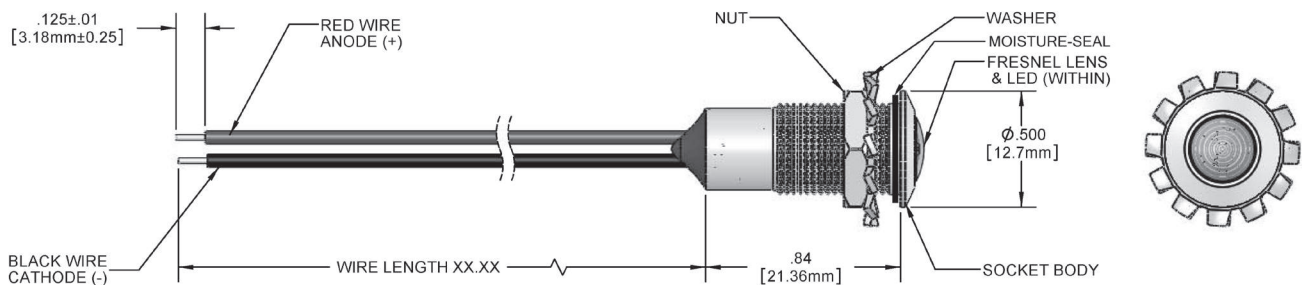
Key features

- 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

Installation Specification	
mounting hole	.399±.004 (10.1mm±.1)
panel thickness	.059(1.5mm) min to .320 (8.1mm) max
Torque spec	2.2 Inch-lbs max
Thread Size	3/8-32 Thread

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 red = anode(+) black = cathode (-)
moisture seal	EPDM

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

Ordering data

CNX 480/482 cable assembly ordering code (example)

CNX 48 X X XXX XX

CNX480 std-no/seal
CNX482 moisture sealed***

Socket body anodized finish	
1	black
2	clear

Lens color**	
RTP	red transparent
GTP	green transparent
CTP	clear transparent
BTP	blue transparent
YTP	yellow transparent

Wire length code		
12	12.0"	305mm
24	24.0"	610mm

**LED color same as the lens color.

Example: Red LED comes with a red lens.

***NEMA4 rated