



# CC Series Ø.319" (8.10mm) Night Vision, Green LED Indicator



LED Indicator with high degree of protection, Prominent bezel style for increased night vision visibility. 12V Wire Leads NVIS



## Application

- Pilot Instrumentation
- Status Maintenance
- Warning Indication
- Signaling
- Remote Power Indication
- Main Power Indication
- Safety and Emergency
- Maritime, Oil and Gas Industry
- Aircraft/Military Instrumentation

## Key Features

- For panel hole diameter: 0.319" (8.1mm) ~ 0.327" (8.3mm)
- Prominent bezel style LED indicator for increased night vision visibility (5mm LED T-1 3/4)
- LED Indicator with high degree of protection, shock and vibration proof
- Maximum panel thickness: .200" (5.08mm) standard and .140" (3.56mm) with gasket
- Available in chrome plated housing
- Designed for the extreme, harsh and outdoor environment
- Sealed against moisture and dust (IP66)
- Voltage: 12V
- Termination: 6.0" (152.4 mm) 24AWG red (anode) and black (cathode MIL-W-22759/33 leads stripped .250" (6.35mm)
- Available color: green
- Viewing angle: 60°
- Mounting hardware provided: lock washer, hex nut and gasket seal
- Thread size: M8\*0.75mm
- Mounting torque: 20 ± 2 in-lb ( 2.26 ± 0.23 N-mm )
- Resistant to vandal, shock and vibration
- Life Expectancy: 50,000 hours average
- MIL-L-85762A and MIL-STD-3009 compliant
- For custom cable length, voltage, connectors, finish or colors, contact VCC
- RoHS and REACH Compliant



## Ordering Data

Series		Terminal		LED Specifications		Resistor Code		Sealing	
CC		1		3322		9908		I	
CC	Chrome Finish	1	Wire Leads	See Chart for LED Part Number		See Chart for Resistor Value Code		I	IP66



Example:

**CC-1-3322-9908-I**

CC Chrome Finish, Wire Leads, Night Vision Green LED 12V, IP66

### LED Specification Chart Electrical and Optical Characteristics (TA = 25°C)

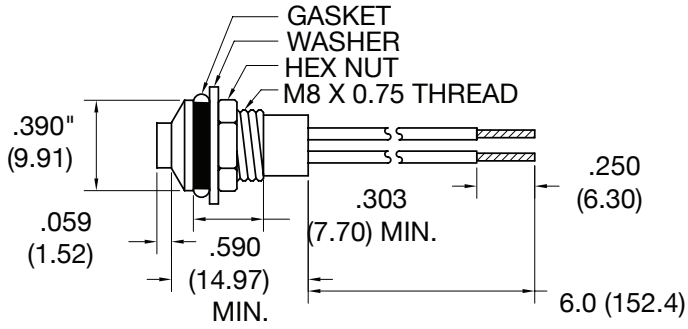
LED Part Numbers	Color	Luminous Intensity (mcd) Typ. @ IF (mA)		VF Typ. @ IF (mA)		Viewing Angle (2θ <sup>1/2</sup> )
3322	Green	1573	20	3.2	20	60°

### Resistor Chart Operating Specification

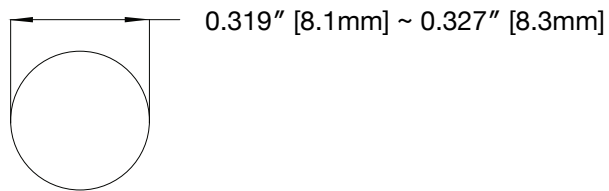
Resistor Value Code	Voltage	Current (mA)	Resistor Value (Ohms)
9908	12	20	511

## Product Dimensions

### CC Series Night Vision Wire Leads



### Recommended Mounting Hole



#### Notes:

1. All dimensions are in inches [millimeters]
2. Tolerance is  $\pm[0.25] 0.01$  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	Chrome plated bronze housing
Wire Leads	24 awg, 6" length, red anode, black cathode
Washer	Stainless steel
Gasket	70 Buna
Hex Nut	Brass Alloy 360 - 1/2 Hard

Electrical Specifications	
Operating Voltage	Refer to table
Operating Current	Refer to table

Installation Specifications	
Mounting Hole	0.319" (8.1mm) ~ 0.327" (8.3mm)
Panel Thickness (max.)	.200" (5.08mm) Standard .140" (3.56mm) with Gasket
Wire Leads	24AWG UL1061 6.0" ( 152.4mm) red (anode) and black (cathode), leads stripped .250" (6.35mm)
Mounting Torque	20 ± 2in-lb (2.26 ± 0.23 N-mm)

Temperature Specifications	
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C

## Custom Connector

VCC can add crimped connections to your panel mount indicators (PMIs) and combine two final steps into one seamless transaction. We offer a range of connector options, including:



2 Position Connector

Wire-to-Wire Crimp Housing

Crimp Housing Connector

Micro-Fit Connector - Dual Row

Micro Rectangular Power Connector

## Compliances and Approvals

