

CCLB Series 0.319" (8.10mm) Prominent LED Indicator, Long Body and IP67 sealed



Long-body LED metal indicator which fit thick panels, especially designed for extreme, harsh and outdoor environments.

















Application

- Industrial
- Transportation
- People Movers

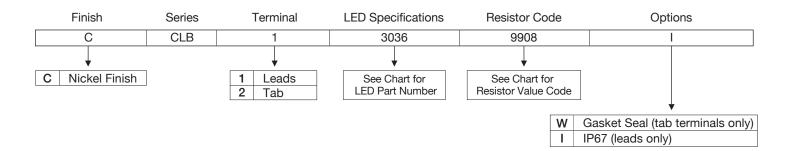
- · Maritime, Oil and Gas Industry
- Automation and Control
- · Slot, Gaming and Vending Machines
- Safety and Emergency
- Pilot Instrumentation
- Aircraft/Military Instrumentation

Key Features

- For panel hole diameter: 0.319" (8.10mm)
- Long-body indicator (longer threads) which fit thicker panels up to 0.354 (9mm)
- Available in nickel-plated brass housing
- Available with ultra bright and super ultra bright (daylight viewing) LEDs
- · Designed for extreme, harsh and outdoor environments
- · Offered with front and backside sealing for moisture (water) and dust resistance
- Available in operating voltage of 2V to 48V; 120VAC
- Optional resistor for 5V-48VDC
- · Offered with 6" 24 AWG wire leads
- · Solder tab terminal for fast, easy installation
- Available in seven single colors: red, yellow, green, orange, amber, blue and white
- Viewing angle: 20-30 (dependent on model)
- Mounting hardware provided: lock washer and hex nut and weather gasket (for W and I option)
- Thread size: M8*0.75mm
- Mounting torque: 20 ± 2 in-lb (2.26 ± 0.23 N-mm)
- · Resistant to vandal, shock and vibration
- For black matte finish, custom cable length, connectors or colors, contact VCC
- RoHS and REACH Compliant



Ordering Data





Example:

CCLB-1-3036-9908-I

CCLB Nickel Finish, Wire Leads, Super Ultra Bright Red LED 12 Volt, IP67

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

Resistor Chart Operating Specification

LED Part Numbers	Color	Luminous Intensity (n Typ. @ IF (r	ncd) nA)	VF Typ. @ IF (m	A)	Viewing Angle (20 1/2)	Peak Wavelength (nm)		Resistor Value Code	Voltage	Current (mA)	Resistor Value (Ohms) Green,Yellow Red, Bicolor LED	Resistor Value (Ohms) Blue, White LED
ULTRA BRIGHT - DAYLIGHT READABLE (Wire leads option only)								[
									0000	2	20	None	Not Available
3056	Red	400.0	20	1.9	20	30°	660		9907	5	20	150	
3055	Yellow	400.0	20	2.0	20	30°	590		9922	5	20		65
3054	Green	300.0	20	3.2	20	30°	520		9908	12	20	511	
3060	Orange	600.0	20	2.1	20	30°	610		9909	12	20		357
SUPER ULTRA BRIGHT							9910	24	20	1100			
3036	Red	2800.0	20	1.85	20	20°	660		9911	24	20		953
3046	Red	900.0	20	1.9	20	30°	626		9923	28	20	1500	
3047	Green	5490.0	20	3.2	20	20°	520		9933	28	20		1300
3048	Amber	1300.0	20	2.02	20	30°	592		9912	48	9	4870	
DILLE									9913	48	9		4530
BLUE							9920	120VAC	8	6490	Contact VCC		

*120VAC - Wire leads option only

3056	Red	400.0	20	1.9	20	30°	660
3055	Yellow	400.0	20	2.0	20	30°	590
3054	Green	300.0	20	3.2	20	30°	520
3060	Orange	600.0	20	2.1	20	30°	610

3036	Red	2800.0	20	1.85	20	20°	660
3046	Red	900.0	20	1.9	20	30°	626
3047	Green	5490.0	20	3.2	20	20°	520
3048	Amber	1300.0	20	2.02	20	30°	592

В

3057	Blue	640.0	20	3.3	20	20°	468

WHITE

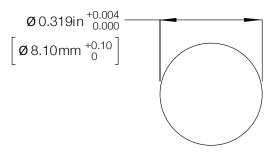
3061	White	27000.0	20	3.2	20	15°	N/A

Product Dimensions

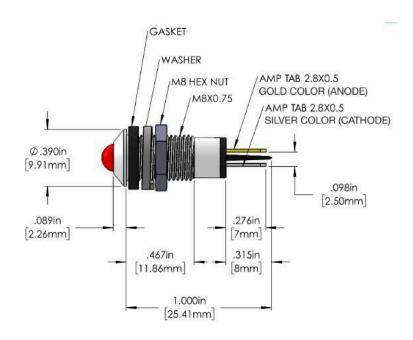
CCLB Series Wire Leads

GASKET WASHER 24AWG, ANODE M8 HEX NUT 24AWG, CATHODE M8 X 0.75 Ø.390in [9.91mm] .250in±.125 6.35mm±3.18 .089in [2.26mm] .467in [11.86mm] .646in 6.00±.25 [152.40±6.35] 16.41mm

Recommended Mounting Hole



CCLB Series Tab Terminal



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.