



1.800.522.5546
vcc-lite.com

Broadest Range of LED Panel Mount Indicators



PCL22 Series
0.88"
22mm



CNX722 Series
0.88"
22mm



PML50 Series
0.69"
17.5mm



CNX718 Series
0.69"
17.5mm



CNX714 Series
0.55"
14mm



1092 Series
0.5"
12.7mm



CNX482 Series
0.399"
10.16mm



6091 Series
0.380"
9.65mm



L65 Series
0.315"
8.0mm



5400 Series
0.315"
8.0mm



L79D Series
0.3125"
7.9mm



L41EN Series
0.3125"
7.9mm



CNX C Series
0.281"
7.14mm

Start a
Conversation
with one of
our Technical
Engineers
Today



510XH Series
0.25"
6.35mm



L63 Series
0.244"
6.2mm



3990A Series
0.22"
5.89mm



L60 Series
0.232"
5.9mm



6039 Series
0.193"
4.9mm



5110F Series
0.157"
3.98mm

Are you ready for next level illuminated components?

PCL22 Series



- Advanced light diffusion technology
- LED pilot light
- Ø0.88" (22mm) mounting hole
- Voltage: 12VDC, 24VDC
- Diffused Translucent Lens
- Direct sunlight visibility
- Single color: red, green, yellow, blue, white
- Bi-color: red/green
- IP65 rated
- Vibration resistant
- RoHS compliant

CNX 722FV Series



- Ruggedized LED indicator
- Design for harsh and outdoor environments
- Ø0.88" (22mm) mounting hole
- Flex volt technology: 5V to 28V, 120VAC
- Wire leads, screw block, tab terminals
- LED long life
- Direct sunlight visibility
- Colors: red, green, yellow, blue, white
- Fast pitch threads enable quick installation
- IP67 rated
- Vibration resistant
- RoHS compliant

PML50 Series



- IP67 Ruggedized LED indicator
- Unique optical low profile lens
- Ø0.688" (17.5mm) mounting hole
- Flex volt technology: 5V to 28V
- Wire leads
- LED long life
- Direct sunlight visibility
- Colors: red, green, yellow, blue, white
- Bi-color: red/green
- IP67 rated
- Vibration resistant
- RoHS compliant

CNX718 Series



- Ruggedized LED indicator
- Ø0.69" (17.5mm) mounting hole
- Voltage: 5VDC, 12VDC, 28VDC, 120VAC
- Wire leads, tab terminals
- LED long life
- Colors: red, amber, green, white
- Dome-shaped lens
- Water clear lens with Fresnel pattern
- Wide viewing angle
- Protect panels entry of dust and moisture
- Vibration resistant
- RoHS compliant

CNX714 Series



- Ruggedized LED indicator
- Designed for harsh and outdoor environments
- Ø0.55" (14mm) mounting hole
- Flex volt technology: 5V to 28V, 120VAC
- Wire leads
- LED long life
- Direct sunlight visibility
- Colors: red, green, yellow, blue, white
- Fast pitch threads enable quick installation
- IP67 rated
- Vibration resistant
- RoHS compliant

1092 Series



- High intensity LED indicator
- Ø0.50" (12.7mm) mounting hole
- Voltage: 12VDC, 28VDC, 120VAC
- Wire leads, quick connect tab terminals
- LED long life
- Direct sunlight visibility
- Colors: red, green, amber
- Four different lens options
- Snap-fit
- "D" mounting hole prevent any rotation
- Optional o-ring
- RoHS compliant

CNX482 Series



- High intensity LED indicator
- Ø0.399" (10.16mm) mounting hole
- Voltage: 3VDC
- Wire leads
- LED long life
- Colors: blue, green, red, white, yellow
- Fresnel lens
- Black or clear anodized aluminum bodies
- Vibration resistant
- RoHS compliant

6091 Series



- Oil-tight LED indicator
- With built-in LED and current-limiting resistor
- Ø0.380" (9.65mm) mounting hole
- Voltage: 12VDC, 24VDC
- Wire leads, quick connect tab terminals
- Single color: red, green, yellow
- "D" mounting hole prevent any rotation
- Protect panels entry of oil, moisture and dust
- Vibration resistant
- cULus approved
- RoHS compliant

L65 Series



- Robust LED indicator
- Round recessed LED position
- Ø0.315 (8mm) mounting hole
- Voltage: 2VDC, 12VDC, 24VDC
- Straight leads
- Single color: red, green, yellow
- Robust body
- Vibration resistant
- RoHS compliant

5400 Series



- Unique low profile two-piece LED indicator
- Consistent of a lens and housing assembly
- Ø0.315 (8mm) mounting hole
- Voltage: 2.5VDC, 3VDC
- Wire leads
- Single color: red, amber, green, yellow
- Wide viewing angle
- RoHS compliant

L79D Series



- LED indicator with built-in reflector
- Ø0.3125" (7.9mm) mounting hole
- Voltage: 2, 6, 12, 24VDC, 120VAC
- Wire leads, quick connect tab terminals
- Single color: red, green, yellow
- Clear or diffused lens
- Vibration resistant
- RoHS compliant

L41N Series



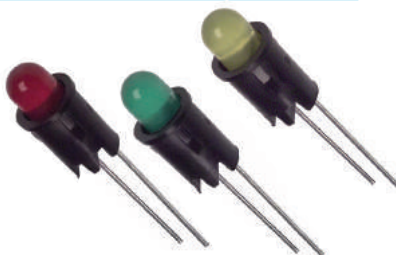
- Pressfit LED indicator
- Ø0.3125" (7.9mm) mounting hole
- Voltage: 2, 6, 12, 24VDC, 125VAC
- Wire leads
- Single color: red, green, amber, yellow
- Hi-Hat or Flush Lens
- Vibration resistant
- RoHS compliant

CNX C Series



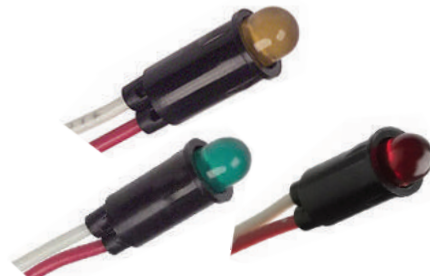
- Build your own LED indicator
- Ø0.281" (7.14mm) mounting hole
- Voltage: 3 to 28 volts
- Cable assemblies
- Single color: red, green, amber, yellow
- RoHS compliant

5101H Series



- Hi Dome LED indicator
- Built-in resistor
- Ø0.25" (6.35mm) mounting hole
- Voltage: 2VDC, 5VDC
- Straight leads
- LED long life
- Colors: red, green, yellow
- Snap-fit
- RoHS compliant

5100H Series



- Hi Dome LED indicator
- Built-in resistor and low current
- Ø0.25" (6.35mm) mounting hole
- Voltage: 1.8 - 3.4VDC, 5VDC, 12VDC
- Wire leads
- LED long life
- Colors: red, green, amber
- Snap-fit
- Flashing LED option feature available
- RoHS compliant

L63 Series



- Robust protruding LED indicator
- Ø0.244" (6.2mm) mounting hole
- Voltage: 2 to 3.2 Volts
- Straight leads
- LED long life
- Colors: red, green, yellow
- Protruding LED position
- Viewing angle from 25° to 50°
- Optional o-ring
- RoHS compliant

3990A Series



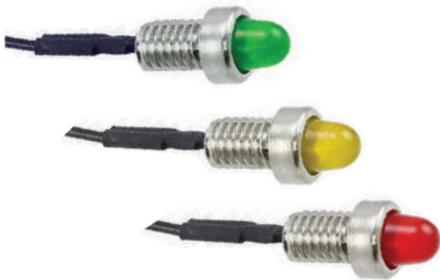
- Round snap-fit LED indicator
- Flat lens
- Ø0.22" (5.89mm) mounting hole
- Voltage: 2VDC
- Wire leads
- Single color: red, green, yellow, amber
- Snap-fit
- RoHS compliant

L60 Series



- Ruggedized LED indicator
- Ø0.232" (5.9mm) mounting hole
- Voltage: 5VDC, 12VDC, 28VDC
- Wire leads
- LED long life
- Colors: red, green, amber
- 45° viewing angle
- Drip-proof protection
- Vibration resistant
- RoHS compliant

6039 Series



- Compact LED indicator
- Ø0.193" (4.9mm) mounting hole
- Voltage: 2VDC
- Wire leads
- Color: Super yellow, yellow green, deep red
- Wide viewing angle
- "D" mounting hole prevent any rotation
- Vibration resistant
- RoHS compliant

5110F Series



- LED indicator with built-in resistor
- Ø0.157" (3.98mm) mounting hole
- Voltage: 2VDC, 5VDC, 12VDC
- Low current option
- Wire leads, Straight leads
- Color: red, green, yellow, amber
- Wide viewing angle
- Snap-fit
- RoHS compliant



Our Extended Portfolio & Resources



Rigid Light Pipe



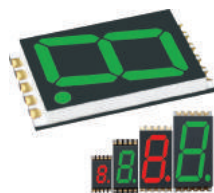
Flexible Light Pipe



Panel Mount Indicator



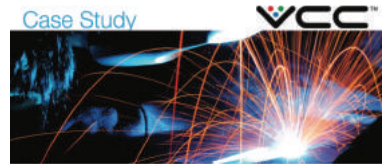
Ruggedized Panel Mount Indicator



Ultra Thin Display



Capacitive Touch Sensor Display



Case Study

Project: Panel Mount Indicator for welding & cutting machine.

Background: The Laser Spot Welding & Cutting Machine is an advanced auto-manufacture and our customer has new machines with the project requirement for high safety standards.

Developments in laser and other modern welding technology are expanding the range of metals that may be welded successfully, and are substantially more cost effective than other options on the market. Spot welding, laser welding and cutting can all be made more efficient through the use, and many of them can be combined into welding systems.

With new technology comes new requirements for safety in the workplace. In recent years the industry has shifted to manufacturing safer vehicles in safer and our customer contacted us when they needed them.

Application Characteristics: VCC is aware that the auto industry is extending the technology-enabled manufacturing process, and is priority to keep up with the latest technology.

Project: Battery Torque Wrench with Digital Torque Settings

Application Characteristics: The advanced battery torque wrench features digital settings that allows users to easily increase or decrease by 10 N.m. Two buttons are used to set the torque in a chosen or a four digit display.

Project: Rugged Indicator for Power Factor Correction Capacitor

Application Characteristics: Energy consumption is a necessary evil and often large expense for commercial and industrial facilities. To help reduce energy and therefore for energy savings, many companies utilize power factor correction devices or power factor correction capacitors.

Application Requirements: The digital display interface requires an ultra thin design combined with other electronic components, as well as the small LCD display needed to show a low power consumption and extend the life of the display on battery. The rugged LCD display also needs long operating life.

Project: Rugged Indicator for Power Factor Correction Capacitor

Application Characteristics: These products clearly show the amount of power being collected from the grid to the power actually being used by the machinery. Half active power.

Project: Rugged Indicator for Power Factor Correction Capacitor

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Markets We Serve



Industrial



IoT



Transportation



Food Service



People Movers



Medical



Aerospace



Maritime Oil & Gas

VCC is a recognized global leader for illuminated electronic components including aerospace, food service, people movers, transportation, medical, telecom and industrial markets.

Providing custom and standard solutions with superior design engineering expertise, excellent customer service and the broadest product line in the industry VCC proudly exceed user experiences.

From simple to more complex human machine interface systems, VCC excels at designing, testing and manufacturing custom light indication solutions, in less time and on budget.

Contact



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