

## **PRODUCT CHANGE NOTIFICATION**

PCN Number: 655

|                                    |                                                                  |
|------------------------------------|------------------------------------------------------------------|
| Date of Issue:                     | 05/09/2023                                                       |
| PCN Effective Date:                | 05/09/2023                                                       |
| Last Time Buy Date:                | -                                                                |
| Last Time Ship Date:               | -                                                                |
| Type of Change:                    | MATL CHANGE, DS UPDATE                                           |
| Title of Change:                   | L65D Series- Housing Material change                             |
| Description and Reason for Change: | From brass to zinc alloy. Fit, form & function are not affected. |

Mario Davila

Product Manager:                     **M. Davila**

| AFFECTED PART NUMBER(S)        |                                      |                      |                                      |                                       |
|--------------------------------|--------------------------------------|----------------------|--------------------------------------|---------------------------------------|
| Manufacturer Part Number (MPN) | Description                          | Discontinued per PCN | Suggested Alternative Part Number(s) | Description of the Alternative Number |
| L65DG2L                        | PMI Round .315" LED 2V Leads Green   | NO                   | -                                    | -                                     |
| L65DR2L                        | PMI Round .315" LED 2V Leads Red     | NO                   | -                                    | -                                     |
| L65DG12L                       | PMI Round .315" LED 12V Leads Green  | NO                   | -                                    | -                                     |
| L65DY12L                       | PMI Round .315" LED 12V Leads Yellow | NO                   | -                                    | -                                     |
| L65DR24L                       | PMI Round .315" LED 24V Leads Red    | NO                   | -                                    | -                                     |
| L65DY2L                        | PMI Round .315" LED 2V Leads Yellow  | NO                   | -                                    | -                                     |
| L65DR12L                       | PMI Round .315" LED 12V Leads Red    | NO                   | -                                    | -                                     |
| L65DG24L                       | PMI Round .315" LED 24V Leads Green  | NO                   | -                                    | -                                     |
| L65DY24L                       | PMI Round .315" LED 24V Leads Yellow | NO                   | -                                    | -                                     |

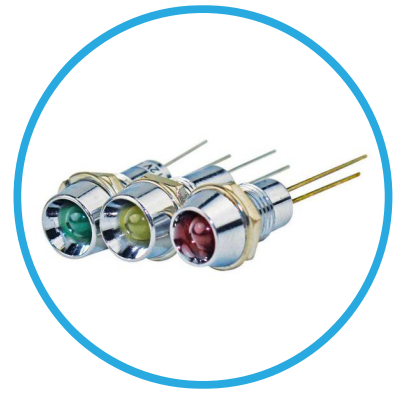
2173 Salk Avenue, Suite 175  
Carlsbad, CA 92008  
☎ 800-522-5546  
💻 [vcclite.com](http://vcclite.com)



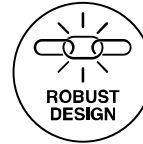
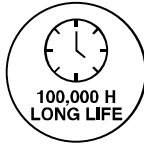
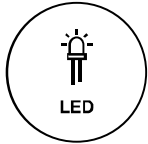
# L65 Series

## Ø0.315" (8.0mm) 5mm LED

### Robust Panel Mount Indicator



L65 is available in a robust body and recessed LED position, supplied with lock washer and hex nut, in three different diffused LEDs colors



#### Applications

- Industrial
- Transportation
- Food Service
- People Movers
- Medical
- Maritime
- Oil and Gas Industry
- Manufacturing
- Automation and Control

#### Key Features

- Mounting Hole Size: 0.315" (8.0mm)
- Max. Panel Thickness: 0.196" (5.0mm)
- Max. Mounting Torque: 5.9 lbs-in (6.8kg-cm)
- Three colors available: red, green, yellow
- Low power consumption
- Body Material: Zinc Alloy, Chrome plated
- Base Material: Phenolic (UL94 V-1)
- Diffused T-1 3/4 (5mm) LED
- Straight leads terminals
- Rated Voltage from 2 to 24 VDC
- Reflector designed to allow maximum light distribution with a 30° or 45° viewing angle
- Front panel mounting
- Life expectancy of 100,000 hours
- High brightness LEDs for daylight viewing
- Mounting hardware provided. Fixing nut and washer included
- Recessed LED position
- Low power consumption
- For customized options, please contact VCC
- Compliant with RoHS and REACH requirements

## Ordering Data

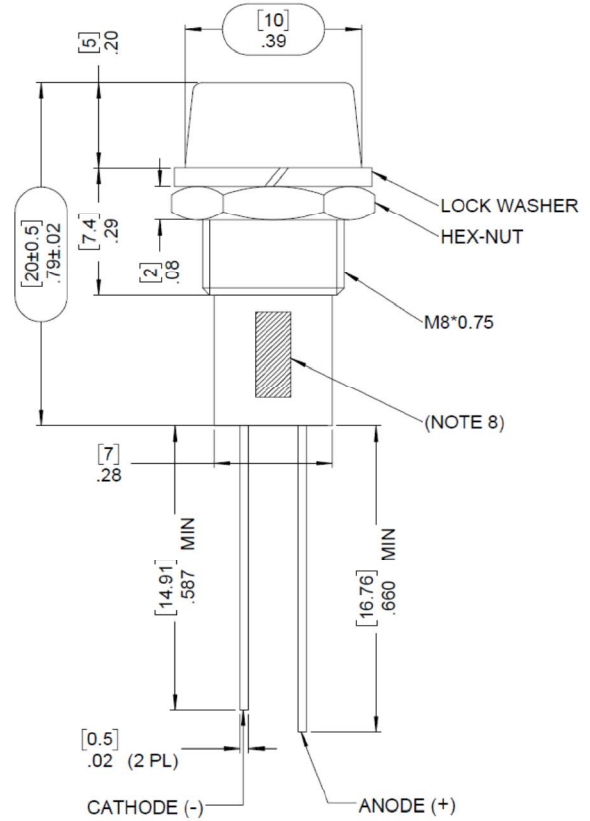
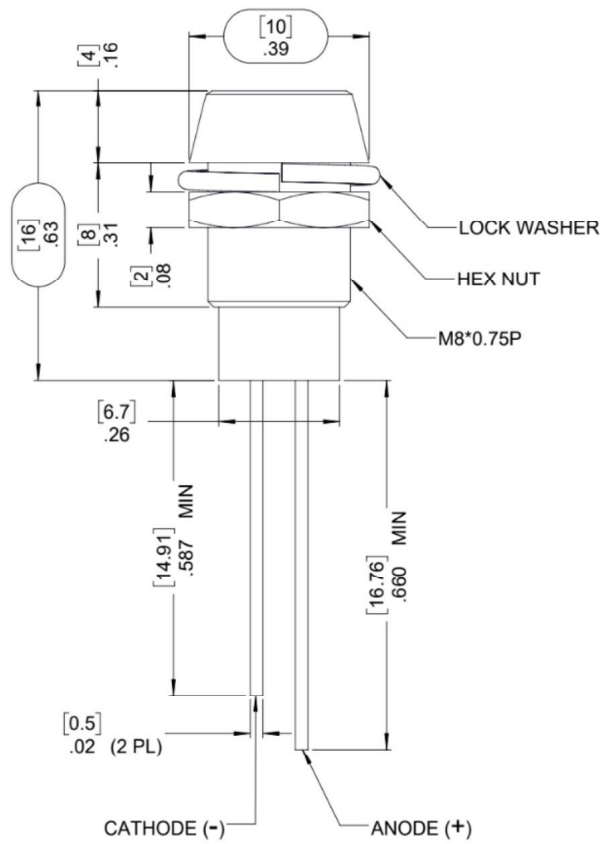
The L65 Series is available in a range of standard features and options.

To specify your Panel Mount Indicator, simply choose one option from each column.

| Series | LED Size |         | LED Lens Type | Color |        | Rated Voltage |        | Termination Style |
|--------|----------|---------|---------------|-------|--------|---------------|--------|-------------------|
| L      | 65       |         | D             | G     |        | 2             |        | L                 |
|        | 65       | 5mm LED | Diffused      | G     | Green  | 2             | 2 VDC  | Straight Leads    |
|        |          |         |               | R     | Red    | 12            | 12 VDC |                   |
|        |          |         |               | Y     | Yellow | 24            | 24 VDC |                   |

## Product Dimensions

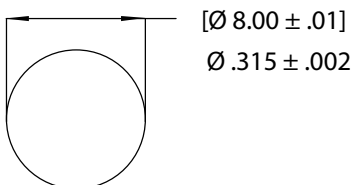
### L65 Series



General tolerances unless otherwise specified

|     | inches | mm    |
|-----|--------|-------|
| .X  | ±.020  | ±.508 |
| .XX | ±.010  | ±.254 |

### Recommended Mounting Hole



### Notes:

1. All dimensions are in [mm] inches

## Product Specifications

| Materials |                           |
|-----------|---------------------------|
| Body      | Zinc Alloy, Chrome plated |
| Base      | Phenolic UL 94 V-1        |
| Leads     | Ag/Cu Plated Iron         |

| Installation Specifications |                                  |
|-----------------------------|----------------------------------|
| Mounting Hole               | 0.315" (8.0 mm)                  |
| Mounting Torque             | 5.9 lbf-in (6.8 kgf-cm)          |
| Panel Thickness             | 0.019" to 0.196" (0.5 to 5.0 mm) |

| Temperature Specifications |                                   |
|----------------------------|-----------------------------------|
| Operating Temperature      | -25°C to +85°C<br>-13°F to +185°F |
| Storage Temperature        | -25°C to +85°C<br>-13°F to +185°F |

| Part Number | Rated Voltage (V) | V <sub>F</sub> |      |      | V <sub>R</sub> (V) | I <sub>F</sub> (mA) | Viewing Angle | Color  | Luminous Intensity typ. (mcd) | Wavelength (nm) |
|-------------|-------------------|----------------|------|------|--------------------|---------------------|---------------|--------|-------------------------------|-----------------|
|             |                   | min.           | typ. | max. |                    |                     |               |        |                               |                 |
| L65DG2L     | 2                 | 2.8            | 3.2  | 3.8  | 5                  | 20                  | 45            | Green  | 1500                          | 510-522         |
| L65DR2L     | 2                 | 1.7            | 1.9  | 2.4  | 5                  | 20                  | 45            | Red    | 400                           | 620-625         |
| L65DY2L     | 2                 | 1.7            | 2.1  | 2.6  | 5                  | 20                  | 30            | Yellow | 1500                          | 585-595         |
| L65DG12L    | 12                | 8.5            | 11.5 | -    | 5                  | 10                  | 30            | Green  | 20                            | 565-575         |
| L65DR12L    | 12                | 10             | 12   | -    | 5                  | 10                  | 30            | Red    | 30                            | 617-627         |
| L65DY12L    | 12                | 8.5            | 11.5 | -    | 5                  | 10                  | 30            | Yellow | 15                            | 582-592         |
| L65DG24L    | 24                | 20             | 24   | -    | 5                  | 10                  | 30            | Green  | 8                             | 565-575         |
| L65DR24L    | 24                | 20             | 24   | 25   | 5                  | 20                  | 30            | Red    | 10                            | 595-705         |
| L65DY24L    | 24                | 20             | 24   | 25   | 5                  | 20                  | 30            | Yellow | 20                            | 580-590         |

## Compliances and Approvals

