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Dialight

# LED Panel Mount Indicator Catalog

## For LED and Relampable Products



**Dialight**
1501 Route 34 South
Farmingdale, NJ 07727
www.dialightsignalsandcomponents.com

# Dialight Signals & Components

In business since 1938, Dialight continues to pioneer some of the most innovative applications in LED technology since the development of LED in the early 1970's. We put our expertise to work for you by designing the most reliable and costeffective LED products available. As a vertically integrated supplier, Dialight has the resources to design and produce everything in-house, supported by a global sales distribution network.





## Typical Applications

Dialight's panel mount products are used for status indication in broad range of applications from heavy duty vehicles, military avionics displays to servers and communications equipment. Some examples of common applications are:

- Medical
- Military/Aviation
- Oil/Gas/Mining Equipment
- Food Processing
- Marine
- Wire and Harness
- Power Distribution
- Industrial Control Panels
- Test & Measurement
- Traffic controls and Rail Applications
- Servers & Storage
- Transportation
- Fan Trays

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: **www.dialightsignalsandcomponents.com**

**Warranty Statement:** Except for the warranty expressly provided for at: **https://www.dialight.com/resources/warranties/**, Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

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**249 Series** | 0.375" (9.53mm)

**556 Series** | 1" (25.40mm)

**557 Series** | 0.688" (17.46mm)

**558 Series** | 0.156" (3.96mm)

**559 Series** | 0.250" (6.35mm)

**605–612 Series** | 0.205"–0.492" (5.2mm–12.5mm)

**620–623 Heavy Duty Series** | 0.323" | 1.18" (8.2mm–30mm)

**630 Series** | 1.18" (30mm)

**653 & 654 Snap-in Series** | 0.58"–0.657" (14.7-16.7mm)

**655 Series** | 0.50" (12.7mm)

**656 Series** | 0.500" (12.7mm)

**657 Series** | 0.688" (17.46mm)

**658 Series** | 1" (25.40mm)

**675–682 High Indensity Series** | 0.205"–0.492" (5.2mm–12.5mm)

## LED Bulbs 77

Based LED Bulbs

Incandescent Lamp / Based LED Cross-reference guide

## Relampable Lampholders and Caps* 100

- 3/8" (9.53mm)
- 15/32" (11.91mm)
- 11/16" (17.46mm)
- 1" (25.40mm)

Neon & Incandescent Panel Mount Indicator Part Numbering System

## Military Panel Mount Indicators 105

Military Panel Mount Indicators

Military Cross Reference Guide


*Dimensions are mounting hole diameter.

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# 249 Series

## Front or Rear Panel Mount Indicators



## Certifications & Ratings

- RoHS Compliant

## Application

Dialight's 249 series LED panel mount indicator is available with a variety of LED's including AlInGap and InGan technology for high brightness applications. These indicators are designed for a variety of applications such as:

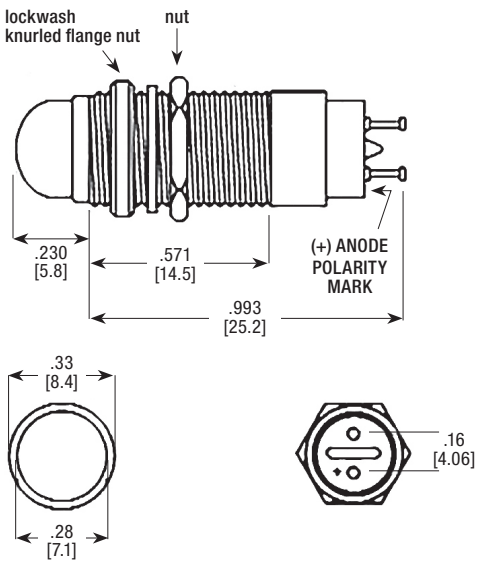
- Main and remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- Process control

. . . and many more!

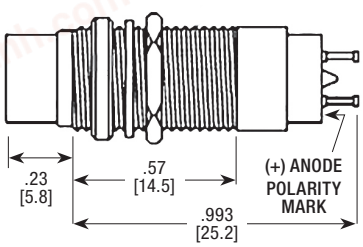
## Dimensions

inches [mm]

### Stovepipe Lens




### Cylindrical Lens




*Cylindrical lens will provide wider viewing angle

### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 0.375" (9.53 mm) |
| **Max Panel Thickness:** | 0.312" (7.92 mm) |
| **Mounting Torque:** | 8 – 10 in-lbs torque |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 3.6, 5, 10, 14, and 28 V DC (no resistor required) |
| **Operating Temp:** | -55 °C to +71 °C (-67 °F to +159.8 °F) |
| **Storage Temp:** | -55 °C to +71 °C (-67 °F to +159.8 °F) |
| **Electrical Connection:** | Turret terminals for wire wrapping |
| **Housing:** | Aluminum — Black Anodized |
| **Terminals:** | Phosphor Bronze — Fused Tin |
| **Knurled Flange Nut:** | Aluminum — Black Anodized |
| **Lock Washer:** | Phosphor Bronze — White Nickel Plated |
| **Nut:** | Brass — White Nickel Plated |

RoHS COMPLIANT

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# Ordering Information

## 249 Series

### Stovepipe Lens

| Dialight P/N | Color | Voltage (V DC)* | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 249-4162-3734-504F | Blue | 3.5** | 10 | 1500 |
| 249-7867-3731-504F | Red | 3.6 | 20 | 170 |
| 249-7967-3732-504F | Green | | | 100 |
| 249-8067-3733-504F | Yellow | | | 150 |
| 249-4164-3734-504F | Blue | 5 | 10 | 1500 |
| 249-7868-3731-504F | Red | | 20 | 170 |
| 249-7968-3732-504F | Green | | | 100 |
| 249-8068-3733-504F | Yellow | | | 150 |
| 249-4166-3734-504F | Blue | 10 | 10 | 1500 |
| 249-7870-3731-504F | Red | | 20 | 170 |
| 249-7970-3732-504F | Green | | | 100 |
| 249-8070-3733-504F | Yellow | | | 150 |
| 249-4167-3734-504F | Blue | 14 | 10 | 1500 |
| 249-7871-3731-504F | Red | | 20 | 170 |
| 249-7971-3732-504F | Green | | | 100 |
| 249-8071-3733-504F | Yellow | | | 150 |
| 249-4168-3734-504F | Blue | 28 | 10 | 1500 |
| 249-7872-3731-504F | Red | | 20 | 170 |
| 249-7972-3732-504F | Green | | | 100 |
| 249-8072-3733-504F | Yellow | | | 150 |

### Cylindrical Lens

| Dialight P/N | Color | Voltage (V DC)* | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 249-4162-3334-504F | Blue | 3.5** | 10 | 700 |
| 249-7867-3331-504F | Red | 3.6 | 20 | 55 |
| 249-7967-3332-504F | Green | | | 40 |
| 249-8067-3333-504F | Yellow | | | 75 |
| 249-4164-3334-504F | Blue | 5 | 10 | 700 |
| 249-7868-3331-504F | Red | | 20 | 55 |
| 249-7968-3332-504F | Green | | | 40 |
| 249-8068-3333-504F | Yellow | | | 75 |
| 249-4166-3334-504F | Blue | 10 | 10 | 700 |
| 249-7870-3331-504F | Red | | 20 | 55 |
| 249-7970-3332-504F | Green | | | 40 |
| 249-8070-3333-504F | Yellow | | | 75 |
| 249-4167-3334-504F | Blue | 14 | 10 | 700 |
| 249-7871-3331-504F | Red | | 20 | 55 |
| 249-7971-3332-504F | Green | | | 40 |
| 249-8071-3333-504F | Yellow | | | 75 |
| 249-4168-3334-504F | Blue | 28 | 10 | 700 |
| 249-7872-3331-504F | Red | | 20 | 55 |
| 249-7972-3332-504F | Green | | | 40 |
| 249-8072-3333-504F | Yellow | | | 75 |

*Dialight recommends tolerance of 5% of specified voltage range.

**VF typical — Requires current limiting resistor

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# 556 Series
## Standard Panel Mount Indicators



## Certifications & Ratings

- UL 1598 (E156890)
- IP66
- NEMA 4X
- RoHS Compliant w/ 6C exemption
- IK07

## Application

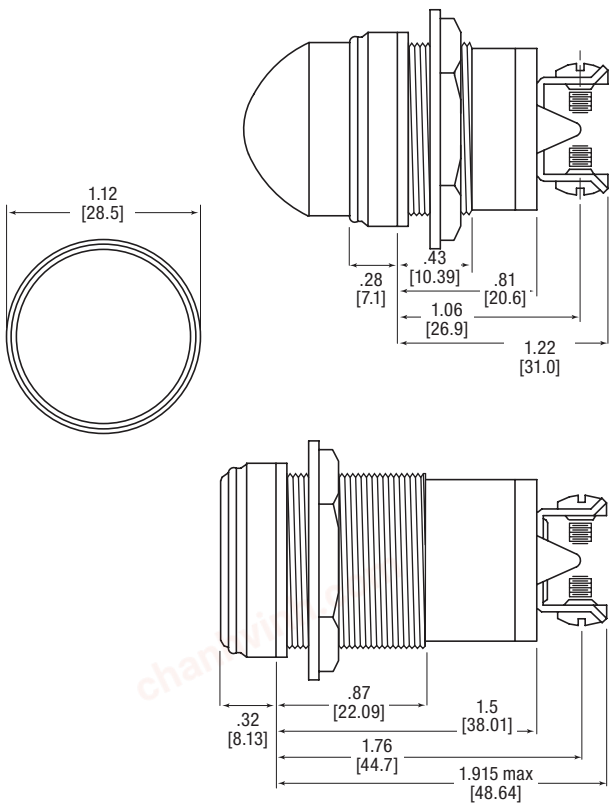
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting

. . . and many more!

## Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 1.0" (25.4 mm) |
| **Max Panel Thickness:** | Flat: 0.600" (15.24 mm)<br>Dome: 0.187" (4.27 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 12 to 125 V DC, and 125, 230 V AC (no resistor required) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 6-32 screw terminals |
| **Housing:** | Brass—White or Black Nickel Plated |
| **Terminals:** | Brass — Hot solder dip per Mil-F-14072D, M258, Type II |
| **Lens Material:** | Transparent Polycarbonate (UL 94V-0) |
| **Lock Washer:** | Phosphor Bronze — White or Black Nickel Plated |
| **Nut:** | Brass—White or Black Nickel Plated |

RoHS COMPLIANT

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## Part Number Guide 556 Series

RoHS Compliant

| 5 | 5 | 6 | - | X | X | X | X | - | X | 0 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| Flat | 1 |
| Domed | 3 |

**Color**

| | | |
|---|---|---|
| White | 0 | 0 |
| Red | 5 | 0 |
| Green | 6 | 0 |
| Cyan | 6 | 8 |
| Yellow | 7 | 0 |
| Blue | 8 | 0 |
| Orange | 9 | 0 |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |
| 4 | 24 VDC |
| 8 | 37.5 V DC |
| 6 | 72 VDC |
| 7 | 125 VDC* |
| 5 | 125 VAC* |
| 9 | 230 VDC* |

*white nickel only

**Plating**

| | |
|---|---|
| 2 | Black |
| 3 | White |

# Ordering Information

## 556 Series — Standard, Flat Lens

### Flat Lens

| White Nickel | Black Nickel | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 556-1003-304F | 556-1003-204F | White | 12 v dc | 60 | 61,000 |
| 556-1503-304F | 556-1503-204F | Red | | 95 | 22,000 |
| 556-1603-304F | 556-1603-204F | Green | | 60 | 41,500 |
| 556-1683-304F | 556-1683-204F | Cyan | | 60 | 37,000 |
| 556-1703-304F | 556-1703-204F | Yellow | | 95 | 13,500 |
| 556-1803-304F | 556-1803-204F | Blue | | 60 | 13,000 |
| 556-1903-304F | 556-1903-204F | Orange | | 95 | 11,500 |
| 556-1004-304F | 556-1004-204F | White | 24 v dc | 32 | 61,000 |
| 556-1504-304F | 556-1504-204F | Red | | 46 | 22,000 |
| 556-1604-304F | 556-1604-204F | Green | | 32 | 41,500 |
| 556-1684-304F | 556-1684-204F | Cyan | | 32 | 37,000 |
| 556-1704-304F | 556-1704-204F | Yellow | | 46 | 13,500 |
| 556-1804-304F | 556-1804-204F | Blue | | 32 | 13,000 |
| 556-1904-304F | 556-1904-204F | Orange | | 46 | 11,500 |
| 556-1508-304F | 556-1508-204F | Red | 37.5 v dc | 20 | 14,000 |
| 556-1608-304F | 556-1608-204F | Green | | 16 | 54,000 |
| 556-1708-304F | 556-1708-204F | Yellow | | 20 | 12,750 |
| 556-1506-304F | 556-1506-204F | Red | 72 v dc | 18.5 | 15,000 |
| 556-1606-304F | 556-1606-204F | Green | | 16 | 45,500 |
| 556-1706-304F | 556-1706-204F | Yellow | | 20 | 9,000 |
| 556-1806-304F | 556-1806-204F | Blue | | 18.5 | 15,000 |
| 556-1007-304F | — | White | 125 v dc | 10.5 | 36,000 |
| 556-1507-304F | — | Red | | 10 | 8,000 |
| 556-1607-304F | — | Green | | | 27,000 |
| 556-1707-304F | — | Yellow | | | 5,750 |
| 556-1005-304F | — | White | 125 v ac | 11 | 35,000 |
| 556-1505-304F | — | Red | | 10.5 | 8,000 |
| 556-1605-304F | — | Green | | 9.5 | 29,000 |
| 556-1685-304F | — | Cyan | | 9.5 | 24,750 |
| 556-1705-304F | — | Yellow | | 10.5 | 5,750 |
| 556-1805-304F | — | Blue | | 9.5 | 7,750 |
| 556-1905-304F | — | Orange | | 10.5 | 6,000 |
| 556-1009-304F | — | White | 230 v ac | 6 | 35,000 |
| 556-1509-304F | — | Red | | 7 | 8,000 |
| 556-1609-304F | — | Green | | | 29,000 |
| 556-1709-304F | — | Yellow | | | 5,750 |
| 556-1809-304F | — | Blue | | | 7,750 |
| 556-1909-304F | — | Orange | | | 6,000 |

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# Ordering Information

## 556 Series — Standard, Domed Lens

### Domed Lens

| White Nickel | Black Nickel | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 556-3003-304F | 556-3003-204F | White | 12 v dc | 60 | 17,000 |
| 556-3503-304F | 556-3503-204F | Red | | 95 | 14,000 |
| 556-3603-304F | 556-3603-204F | Green | | 60 | 14,000 |
| 556-3683-304F | 556-3683-204F | Cyan | | 60 | 11,500 |
| 556-3703-304F | 556-3703-204F | Yellow | | 95 | 4,000 |
| 556-3803-304F | 556-3803-204F | Blue | | 60 | 12,000 |
| 556-3903-304F | 556-3903-204F | Orange | | 95 | 3,500 |
| 556-3004-304F | 556-3004-204F | White | 24 v dc | 32 | 17,000 |
| 556-3504-304F | 556-3504-204F | Red | | 46 | 14,000 |
| 556-3604-304F | 556-3604-204F | Green | | 32 | 14,000 |
| 556-3684-304F | 556-3684-204F | Cyan | | 32 | 11,500 |
| 556-3704-304F | 556-3704-204F | Yellow | | 46 | 4,000 |
| 556-3804-304F | 556-3804-204F | Blue | | 32 | 12,000 |
| 556-3904-304F | 556-3904-204F | Orange | | 46 | 3,500 |
| 556-3508-304F | 556-3508-204F | Red | 37.5 v dc | 20 | 4,750 |
| 556-3608-304F | 556-3608-204F | Green | | 16 | 15,750 |
| 556-3708-304F | 556-3708-204F | Yellow | | 20 | 3,250 |
| 556-3506-304F | 556-3506-204F | Red | 72 v dc | 18.5 | 4,200 |
| 556-3606-304F | 556-3606-204F | Green | | 16 | 14,250 |
| 556-3706-304F | 556-3706-204F | Yellow | | 20 | 2,600 |
| 556-3806-304F | 556-3806-204F | Blue | | 18.5 | 4,500 |
| 556-3007-304F | — | White | 125 v dc | 10.5 | 10,250 |
| 556-3507-304F | — | Red | | 10 | 2,500 |
| 556-3607-304F | — | Green | | | 8,250 |
| 556-3707-304F | — | Yellow | | | 1,500 |
| 556-3005-304F | — | White | 125 v ac | 11 | 10,250 |
| 556-3505-304F | — | Red | | 10.5 | 2,500 |
| 556-3605-304F | — | Green | | 9.5 | 9,500 |
| 556-3685-304F | — | Cyan | | 9.5 | 6,500 |
| 556-3705-304F | — | Yellow | | 10.5 | 1,750 |
| 556-3805-304F | — | Blue | | 9.5 | 3,000 |
| 556-3905-304F | — | Orange | | 10.5 | 1,750 |
| 556-3009-304F | — | White | 230 v ac | 6 | 10,250 |
| 556-3509-304F | — | Red | | 7 | 2,500 |
| 556-3609-304F | — | Green | | | 9,500 |
| 556-3709-304F | — | Yellow | | | 1,750 |
| 556-3809-304F | — | Blue | | | 3,000 |
| 556-3909-304F | — | Orange | | | 1,750 |

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# 556 Series
## Standard Panel Mount Indicators
## Constant Intensity, 18–48 V DC



### Certifications & Ratings

- IP66
- NEMA 4X
- RoHS Compliant w/ 6C exemption
- IK07

### Application

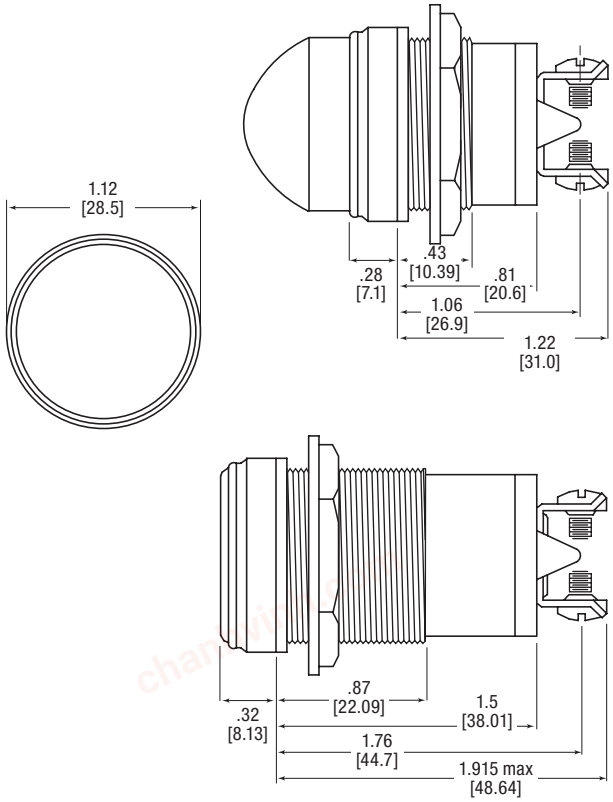
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting

. . . and many more!

### Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 1.0" (25.4 mm) |
| **Max Panel Thickness:** | Flat: 0.600" (15.24 mm)<br>Dome: 0.187" (4.27 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 18–48 V DC<br>(internal resistor included) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 6-32 screw terminals |
| **Housing:** | Brass—White or Black Nickel Plated |
| **Terminals:** | Brass — Hot solder dip<br>per Mil-F-14072D, M258, Type II |
| **Lens Material:** | Transparent Polycarbonate (UL 94V-0) |
| **Lock Washer:** | Phosphor Bronze — White or Black Nickel Plated |
| **Nut:** | Brass—White or Black Nickel Plated |

RoHS COMPLIANT

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## Ordering Information

### 556 Series — Standard Constant Intensity

**Part Number Guide 556 Series** — RoHS Compliant

5 5 6 - X X X A - X 0 4 F

**Lens Style**
- 1 Flat
- 3 Domed

**Color**
- 5 0 Red
- 6 0 Green
- 7 0 Yellow

**Voltage**
- A 18–48 VDC

**Plating**
- 2 Black
- 3 White

| Flat Lens | | Domed Lens | | | | | |
|---|---|---|---|---|---|---|---|
| White Nickel Plating | Black Nickel Plating | White Nickel Plating | Black Nickel Plating | Color | Voltage (vdc) | Typ Current (mA) | Typical Intensity (mcd) |
| 556-150A-304F | 556-150A-204F | 556-350A-304F | 556-350A-204F | Red | 18–48 | 7.3–8.2 | 1470–1500 |
| 556-160A-304F | 556-160A-204F | 556-360A-304F | 556-360A-204F | Green | | 6.5–7.4 | 200–230 |
| 556-170A-304F | 556-170A-204F | 556-370A-304F | 556-370A-204F | Yellow | | 8.0–8.9 | 630–660 |

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# 556 Series
## Daylight Viewable Panel Mount Indicators



## Certifications & Ratings

- UL 1598 (E156890)
- IP66
- NEMA 4X
- RoHS Compliant w/ 6C exemption

## Application

The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- UL 508 panel applications
- Agricultural controls
- Power Generators
- Environmental Monitoring Equipment
- Ground support vehicles
- Pump system controllers
- Transportation - rail, bus, airline
- Lane control
- Display lighting

...and many more!

### Mechanical information

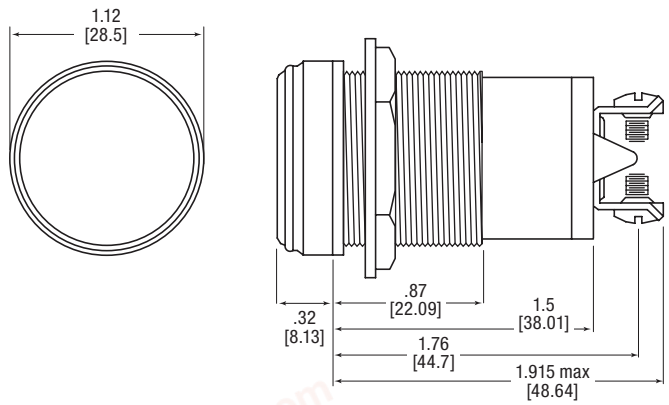
| | |
|---|---|
| **Mounting Hole Size:** | 1.0" (25.4 mm) |
| **Max Panel Thickness:** | 0.600" (15.24 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 12 to 125 V DC, and 125, 230 V AC (no resistor required) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 6-32 screw terminals |
| **Housing:** | Brass—White or Black Nickel Plated |
| **Terminals:** | Brass — Hot solder dip per Mil-F-14072D, M258, Type II |
| **Lens Material:** | Clear UV Stabilized Polycarbonate (UL 94V-0) |
| **Lock Washer:** | Phosphor Bronze — White or Black Nickel Plated |
| **Nut:** | Brass—White or Black Nickel Plated |

## Dimensions

inches [mm]




RoHS COMPLIANT

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## Ordering Information

### 556 Series — Daylight Viewable

**Part Number Guide 556 Series** — RoHS Compliant

5 5 6 - 1 X X X - X 1 4 F

**Color**

| | | |
|---|---|---|
| Red | 5 | 0 |
| Green | 6 | 0 |
| Cyan | 6 | 8 |
| Yellow | 7 | 0 |
| Blue | 8 | 0 |
| Orange | 9 | 0 |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |
| 4 | 24 VDC |
| 8 | 37.5 VDC |
| 6 | 72 VDC |
| 7 | 125 VDC* |
| 5 | 125 VAC* |
| 9 | 230 VDC* |

**Plating**

| | |
|---|---|
| 2 | Black |
| 3 | White |

*white nickel only

| White Nickel | Black Nickel | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 556-1503-314F | 556-1503-214F | Red | 12 V DC | 95 | 27,250 |
| 556-1603-314F | 556-1603-214F | Green | | 60 | 71,500 |
| 556-1683-314F | 556-1683-214F | Cyan | | 60 | 48,250 |
| 556-1703-314F | 556-1703-214F | Yellow | | 95 | 17,500 |
| 556-1803-314F | 556-1803-214F | Blue | | 60 | 24,000 |
| 556-1903-314F | 556-1903-214F | Orange | | 95 | 22,250 |
| 556-1504-314F | 556-1504-214F | Red | 24 V DC | 46 | 27,250 |
| 556-1604-314F | 556-1604-214F | Green | | 32 | 71,500 |
| 556-1684-314F | 556-1684-214F | Cyan | | 32 | 48,250 |
| 556-1704-314F | 556-1704-214F | Yellow | | 46 | 17,500 |
| 556-1804-314F | 556-1804-214F | Blue | | 32 | 24,000 |
| 556-1904-314F | 556-1904-214F | Orange | | 46 | 22,250 |
| 556-1508-314F | 556-1508-214F | Red | 37.5 V DC | 20 | 26,750 |
| 556-1608-314F | 556-1608-214F | Green | | 16 | 80,000 |
| 556-1708-314F | 556-1708-214F | Yellow | | 20 | 18,000 |
| 556-1506-314F | 556-1506-214F | Red | 72 V DC | 18.5 | 20,500 |
| 556-1606-314F | 556-1606-214F | Green | | 16 | 65,500 |
| 556-1706-314F | 556-1706-214F | Yellow | | 20 | 15,000 |
| 556-1507-314F | — | Red | 125 V DC | 10 | 14,000 |
| 556-1607-314F | — | Green | | | 44,750 |
| 556-1707-314F | — | Yellow | | | 8,250 |
| 556-1505-314F | — | Red | 125 V AC | 10.5 | 13,500 |
| 556-1605-314F | — | Green | | 9.5 | 43,750 |
| 556-1685-314F | — | Cyan | | 9.5 | 32,000 |
| 556-1705-314F | — | Yellow | | 10.5 | 9,000 |
| 556-1805-314F | — | Blue | | 9.5 | 16,000 |
| 556-1905-314F | — | Orange | | 10.5 | 11,000 |
| 556-1509-314F | — | Red | 230 V AC | 7 | 13,500 |
| 556-1609-314F | — | Green | | | 43,750 |
| 556-1709-314F | — | Yellow | | | 9,000 |
| 556-1809-314F | — | Blue | | | 16,000 |
| 556-1909-314F | — | Orange | | | 11,000 |

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# 556 Series

## Daylight Viewable Panel Mount Indicators

## Constant Intensity, 18–48 V DC



### Certifications & Ratings

- IP66
- NEMA 4X
- RoHS Compliant w/ 6C exemption

### Application

The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- UL 508 panel applications
- Agricultural controls
- Power Generators
- Environmental Monitoring Equipment
- Ground support vehicles
- Pump system controllers
- Transportation - rail, bus, airline
- Lane control
- Display lighting

...and many more!

### Mechanical information

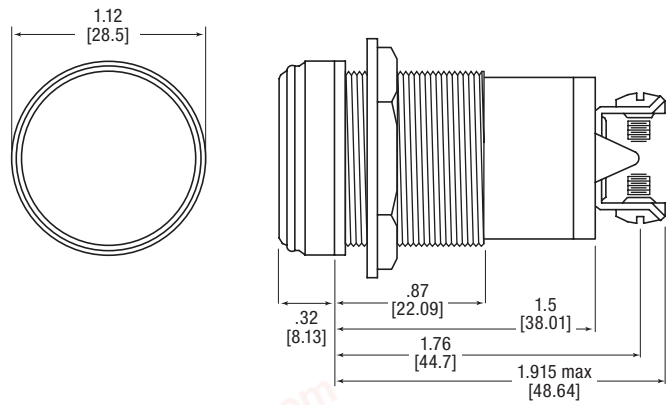
| | |
|---|---|
| **Mounting Hole Size:** | 1.0" (25.4 mm) |
| **Max Panel Thickness:** | 0.600" (15.24 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 18–48 V DC<br>(internal resistor included) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 6-32 screw terminals |
| **Housing:** | Brass—White or Black Nickel Plated |
| **Terminals:** | Brass — Hot solder dip<br>per Mil-F-14072D, M258, Type II |
| **Lens Material:** | Clear UV Stabilized Polycarbonate<br>(UL 94V-0) |
| **Lock Washer:** | Phosphor Bronze — White or Black<br>Nickel Plated |
| **Nut:** | Brass—White or Black Nickel Plated |

### Dimensions

inches [mm]

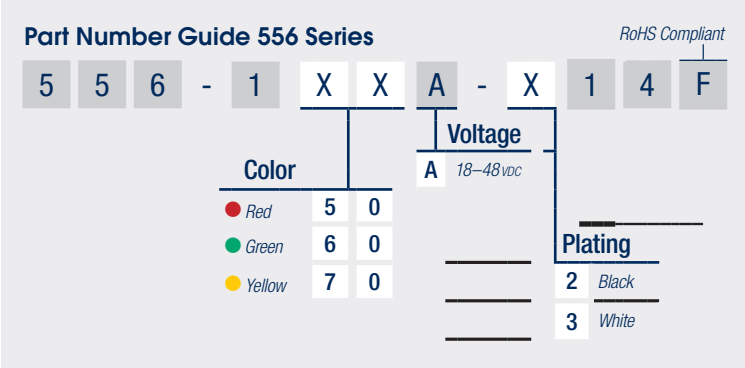



RoHS COMPLIANT

Dialight

# Ordering Information

## 556 Series — Daylight Viewable Constant Intensity




| White Nickel | Black Nickel | Color | Voltage (vdc) | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 556-150A-314F | 556-150A-214F | Red | 18–48 | 7.3–8.2 | 1470–1500 |
| 556-160A-314F | 556-160A-214F | Green | | 6.5–7.4 | 200–230 |
| 556-170A-314F | 556-170A-214F | Yellow | | 8.0–8.9 | 630–660 |

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# 556 Series
## Class 1, Div 2 Panel Mount Indicators



## Certifications & Ratings

- UL 1598 (E156890)
- IP66
- NEMA 4X
- RoHS Compliant w/6C exemption
- IK07

## Application

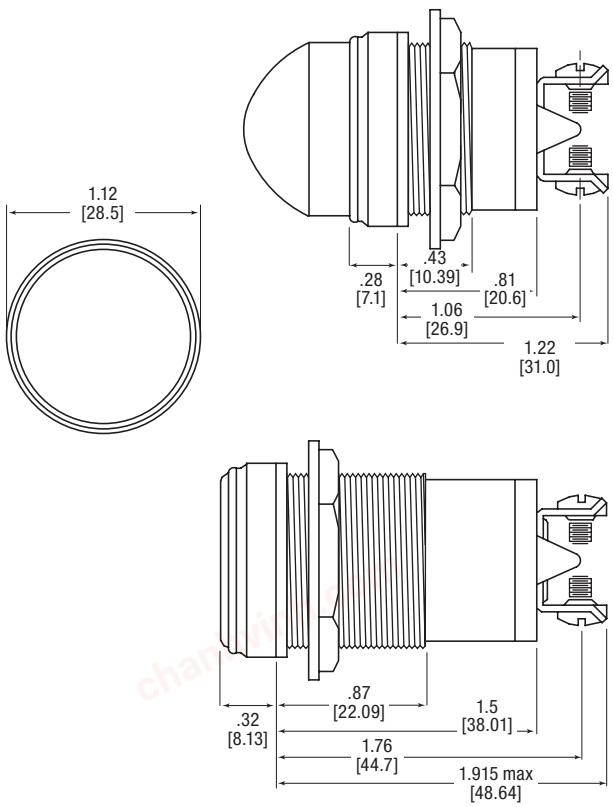
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight. In addition, the Class I, Division 2 rating allows for use in hazardous environments common to the oil and gas, mining, and chemical industries:

- Instrument panels
- Safety applications
- UL 508 panel applications
- Petrochemical applications
- Environmental Monitoring Equipment specifications
- Pump system controllers
- Mining application
- Oil Refineries
- Agricultural controls
- Power generators

. . . and many more!

## Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 1.0" (25.4 mm) |
| **Max Panel Thickness:** | Flat: 0.600" (15.24 mm)<br>Dome: 0.187" (4.27 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 12 to 125 V DC, and 125, 230 V AC (no resistor required) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 6-32 screw terminals |
| **Housing:** | Brass—White or Black Nickel Plated |
| **Terminals:** | Brass — Hot solder dip per Mil-F-14072D, M258, Type II |
| **Lens Material:** | Transparent Polycarbonate (UL 94V-0) |
| **Lock Washer:** | Phosphor Bronze — White or Black Nickel Plated |
| **Nut:** | Brass—White or Black Nickel Plated |

RoHS COMPLIANT

Dialight

## Part Number Guide 556 Series

RoHS Compliant

| 5 | 5 | 6 | - | X | X | X | X | - | X | 2 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| Flat | 1 |
| Domed | 3 |

**Color**

| | | |
|---|---|---|
| White | 0 | 0 |
| Red | 5 | 0 |
| Green | 6 | 0 |
| Cyan | 6 | 8 |
| Yellow | 7 | 0 |
| Blue | 8 | 0 |
| Orange | 9 | 0 |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |
| 4 | 24 VDC |
| 8 | 37.5 VDC |
| 6 | 72 VDC |
| 7 | 125 VDC* |
| 5 | 125 VAC* |
| 9 | 230 VDC* |

*white nickel only

**Plating**

| | |
|---|---|
| 2 | Black |
| 3 | White |

# Ordering Information

## 556 Series — Class 1, Div 2, Flat Lens

### Flat Lens

| White Nickel | Black Nickel | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 556-1003-324F | 556-1003-224F | White | 12 VDC | 60 | 61,000 |
| 556-1503-324F | 556-1503-224F | Red | | 95 | 22,000 |
| 556-1603-324F | 556-1603-224F | Green | | 60 | 41,500 |
| 556-1683-324F | 556-1683-224F | Cyan | | 60 | 37,000 |
| 556-1703-324F | 556-1703-224F | Yellow | | 95 | 13,500 |
| 556-1803-324F | 556-1803-224F | Blue | | 60 | 13,000 |
| 556-1903-324F | 556-1903-224F | Orange | | 95 | 11,500 |
| 556-1004-324F | 556-1004-224F | White | 24 VDC | 32 | 61,000 |
| 556-1504-324F | 556-1504-224F | Red | | 46 | 22,000 |
| 556-1604-324F | 556-1604-224F | Green | | 32 | 41,500 |
| 556-1684-324F | 556-1684-224F | Cyan | | 32 | 37,000 |
| 556-1704-324F | 556-1704-224F | Yellow | | 46 | 13,500 |
| 556-1804-324F | 556-1804-224F | Blue | | 32 | 13,000 |
| 556-1904-324F | 556-1904-224F | Orange | | 46 | 11,500 |
| 556-1508-324F | 556-1508-224F | Red | 37.5 VDC | 20 | 14,000 |
| 556-1608-324F | 556-1608-224F | Green | | 16 | 54,000 |
| 556-1708-324F | 556-1708-224F | Yellow | | 20 | 12,750 |
| 556-1006-324F | 556-1006-224F | White | 72 VDC | 18.5 | 15,000 |
| 556-1506-324F | 556-1506-224F | Red | | 18.5 | 45,500 |
| 556-1606-324F | 556-1606-224F | Green | | 16 | 9,000 |
| 556-1706-324F | 556-1706-224F | Yellow | | 20 | 15,000 |
| 556-1806-324F | 556-1806-224F | Blue | | 18.5 | 36,000 |
| 556-1007-324F | — | White | 125 VDC | 10.5 | 8,000 |
| 556-1507-324F | — | Red | | 10 | 27,000 |
| 556-1607-324F | — | Green | | 10 | 5,750 |
| 556-1707-324F | — | Yellow | | 10 | 35,000 |
| 556-1005-324F | — | White | 125 VAC | 11 | 8,000 |
| 556-1505-324F | — | Red | | 10.5 | 29,000 |
| 556-1605-324F | — | Green | | 9.5 | 24,750 |
| 556-1685-324F | — | Cyan | | 9.5 | 5,750 |
| 556-1705-324F | — | Yellow | | 10.5 | 7,750 |
| 556-1805-324F | — | Blue | | 9.5 | 6,000 |
| 556-1905-324F | — | Orange | | 10.5 | 35,000 |
| 556-1009-324F | — | White | 230 VAC | 6 | 8,000 |
| 556-1509-324F | — | Red | | 7 | 29,000 |
| 556-1609-324F | — | Green | | 7 | 5,750 |
| 556-1709-324F | — | Yellow | | 7 | 7,750 |
| 556-1809-324F | — | Blue | | 7 | 6,000 |
| 556-1909-324F | — | Orange | | 7 | 3100 |

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# Ordering Information

## 556 Series — Class 1, Div 2, Domed Lens

### Domed Lens

| White Nickel | Black Nickel | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 556-3003-324F | 556-3003-224F | White | 12 VDC | 60 | 17,000 |
| 556-3503-324F | 556-3503-224F | Red | | 95 | 14,000 |
| 556-3603-324F | 556-3603-224F | Green | | 60 | 14,000 |
| 556-3683-324F | 556-3683-224F | Cyan | | 60 | 11,500 |
| 556-3703-324F | 556-3703-224F | Yellow | | 95 | 4,000 |
| 556-3803-324F | 556-3803-224F | Blue | | 60 | 12,000 |
| 556-3903-324F | 556-3903-224F | Orange | | 95 | 3,500 |
| 556-3004-324F | 556-3004-224F | White | 24 VDC | 32 | 17,000 |
| 556-3504-324F | 556-3504-224F | Red | | 46 | 14,000 |
| 556-3604-324F | 556-3604-224F | Green | | 32 | 14,000 |
| 556-3684-324F | 556-3684-224F | Cyan | | 32 | 11,500 |
| 556-3704-324F | 556-3704-224F | Yellow | | 46 | 4,000 |
| 556-3804-324F | 556-3804-224F | Blue | | 32 | 12,000 |
| 556-3904-324F | 556-3904-224F | Orange | | 46 | 3,500 |
| 556-3508-324F | 556-3508-224F | Red | 37.5 VDC | 20 | 4,750 |
| 556-3608-324F | 556-3608-224F | Green | | 16 | 15,750 |
| 556-3708-324F | 556-3708-224F | Yellow | | 20 | 3,250 |
| 556-3006-324F | 556-3006-224F | White | 72 VDC | 18.5 | 4,200 |
| 556-3506-324F | 556-3506-224F | Red | | 18.5 | 14,250 |
| 556-3606-324F | 556-3606-224F | Green | | 16 | 2,600 |
| 556-3706-324F | 556-3706-224F | Yellow | | 20 | 4,500 |
| 556-3806-324F | 556-3806-224F | Blue | | 18.5 | 10,250 |
| 556-3007-324F | — | White | 125 VDC | 10.5 | 2,500 |
| 556-3507-324F | — | Red | | 10 | 8,250 |
| 556-3607-324F | — | Green | | 10 | 1,500 |
| 556-3707-324F | — | Yellow | | 10 | 10,250 |
| 556-3005-324F | — | White | 125 VAC | 11 | 2,500 |
| 556-3505-324F | — | Red | | 10.5 | 9,500 |
| 556-3605-324F | — | Green | | 9.5 | 6,500 |
| 556-3685-324F | — | Cyan | | 9.5 | 1,750 |
| 556-3705-324F | — | Yellow | | 10.5 | 3,000 |
| 556-3805-324F | — | Blue | | 9.5 | 1,750 |
| 556-3905-324F | — | Orange | | 10.5 | 10,250 |
| 556-3009-324F | — | White | 230 VAC | 6 | 2,500 |
| 556-3509-324F | — | Red | | 7 | 9,500 |
| 556-3609-324F | — | Green | | 7 | 1,750 |
| 556-3709-324F | — | Yellow | | 7 | 3,000 |
| 556-3809-324F | — | Blue | | 7 | 1,750 |
| 556-3909-324F | — | Orange | | 7 | 3100 |

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# 556 Series
## UV Certified Indicators



### Certifications & Ratings

- IP66
- NEMA 4X
- RoHS Compliant w/ 6C exemption

### Application

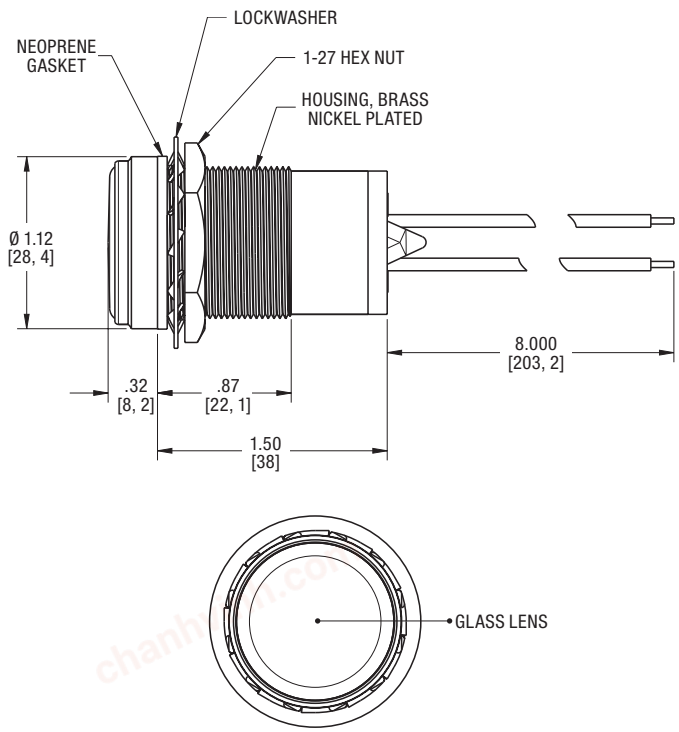
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting

. . . and many more!

### Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 1.0" (25.4 mm) |
| **Max Panel Thickness:** | Flat: 0.600" (15.24 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 24 V DC |
| **Operating Temp:** | -40 °C to +100 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 8"-18" AWG wire |
| **Housing:** | Brass—White |
| **Lens Material:** | Glass |
| **Lock Washer:** | Phosphor Bronze — White |
| **Nut:** | Brass—White |

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: **www.dialightsignalsandcomponents.com**

**Warranty Statement:** Except for the warranty expressly provided for at: **www.dialight.com/resources/warranties/**, Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

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## Ordering Information
## 556 Series—Standard

### Part Number Guide 556 Series

RoHS Compliant

| 5 | 5 | 6 | - | X | X | B | 4 | - | X | 0 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**
Flat 1

**Color**
White 0
Red 5
Green 6
Yellow 7
Blue 8

**Voltage**
4 24 V DC

**Plating**
3 White

*White Nickel only

### Flat Lens

| White Nickel | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 556-10B4-304F | White | 24 VDC | 32 | 61,000 |
| 556-15B4-304F | Red | | 46 | 22,000 |
| 556-16B4-304F | Green | | 32 | 41,500 |
| 556-17B4-304F | Yellow | | 46 | 13,500 |
| 556-18B4-304F | Blue | | 32 | 13,000 |

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# 557 Series
## Daylight Viewable Panel Mount Indicators



## Certifications & Ratings

- RoHS Compliant
- Watertight to Mil-L-3661B spec

## Application

The 557 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer higher intensities. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust, and sunlight.

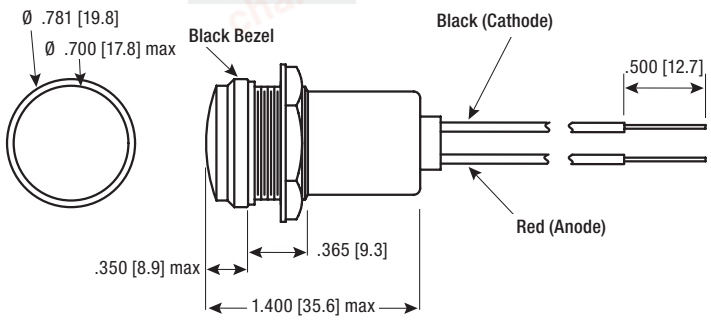
- Instrument panels
- Safety applications
- Transportation—rail, bus, airline
- Vending, gaming
- Lane control

. . . and many more!

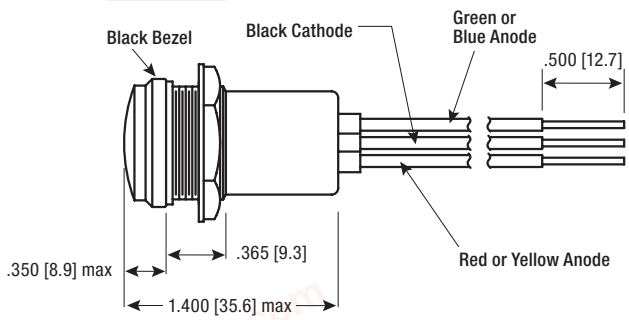
## Dimensions

inches [mm]

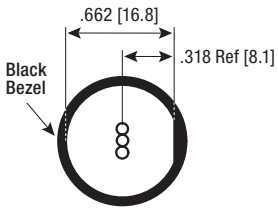
### Single Color



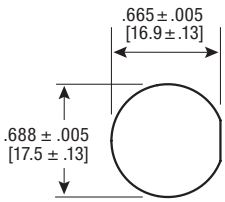

### Bi-Color




### Back View of Housing




### Recommended Mounting Hole




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 0.687" (17.46 mm) |
| **Max Panel Thickness:** | 0.156" (3.96 mm) |
| **Mounting Torque:** | 15 in-lbs torque |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 5, 12, 24, and 28 V DC (bi-color: 5 V DC) |
| **Operating Temp:** | -25 °C to +85 °C<br>(bi-color: -30 °C to +80 °C) |
| **Storage Temp:** | -30 °C to +100 °C<br>(bi-color: -40 °C to +85 °C) |
| **Electrical Connection:** | 24 AWG Wire Leads |
| **Housing:** | White Polycarbonate |
| **Lens Material:** | Transparent Polycarbonate (UL 94V-0) |
| **Wire Leads:** | 5.5" |
| **Lock Washer:** | Phosphor Bronze—White Nickel Plated |
| **Nut:** | Brass—White Nickel Plated |

RoHS COMPLIANT

Dialight

# Ordering Information 557 Series

## Part Number Guide

*RoHS Compliant*

5 5 7 - 1 X X X - 2 0 3 F

**Color**

| | |
|---|---|
| White | 0 0 |
| Red | 5 0 |
| Green | 6 0 |
| Yellow | 7 0 |
| Blue | 8 0 |
| Red / Green | 4 1 |
| Red / Blue | 4 2 |
| Yellow / Green | 4 3 |
| Yellow / Blue | 4 4 |
| Yellow / Red | 4 5 |

**Voltage**

| | |
|---|---|
| 2 | 5 VDC |
| 3 | 12 VDC* |
| 4 | 28 VDC* |
| 5 | 24 VDC* |

**single color only*

## Feedback Circuit PartNumber Guide

*RoHS Compliant*

5 5 7 - 1 X X X - 2 0 3 F

**Color**

| | |
|---|---|
| Green | 6 9 |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |

## Feedback Circuit shows the status of the LED

| LED Status | Signal Voltage |
|---|---|
| Normal | 0-1 |
| Open | 10-12 |
| Short | 10-12 |

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 557-1002-203F | White | 5 | 16 | 5350 |
| 557-1502-203F | Red | | 80 | 800 |
| 557-1602-203F | Green | | 16 | 4900 |
| 557-1702-203F | Yellow | | 80 | 1550 |
| 557-1802-203F | Blue | | 16 | 1200 |
| 557-1412-203F | Red / Green | | 70 / 16 | 720 / 1800 |
| 557-1422-203F | Red / Blue | | 70 / 16 | 625 / 425 |
| 557-1432-203F | Yellow / Green | | 70 / 16 | 585 / 1700 |
| 557-1442-203F | Yellow / Blue | | 70 / 16 | 635 / 445 |
| 557-1452-203F | Yellow / Red | | 70 / 20 | 650 / 350 |
| 557-1003-203F | White | 12 | 16 | 5350 |
| 557-1503-203F | Red | | 20 | 800 |
| 557-1603-203F | Green | | 16 | 4900 |
| 557-1693-203F | Green | | 16 | 4900 |
| 557-1703-203F | Yellow | | 20 | 1550 |
| 557-1803-203F | Blue | | 16 | 1200 |
| 557-1005-203F | White | 24 | 16 | 5350 |
| 557-1505-203F | Red | | 20 | 800 |
| 557-1605-203F | Green | | 16 | 4900 |
| 557-1705-203F | Yellow | | 20 | 1550 |
| 557-1805-203F | Blue | | 16 | 1200 |
| 557-1604-203F | Green | 28 | 16 | 4900 |
| 557-1704-203F | Yellow | | 20 | 1550 |
| 557-1804-203F | Blue | | 16 | 1200 |

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# 558 Series

## Snap-in LED .156" (3.96 mm) Mounting Hole



## Certifications & Ratings

- RoHS Compliant

## Application

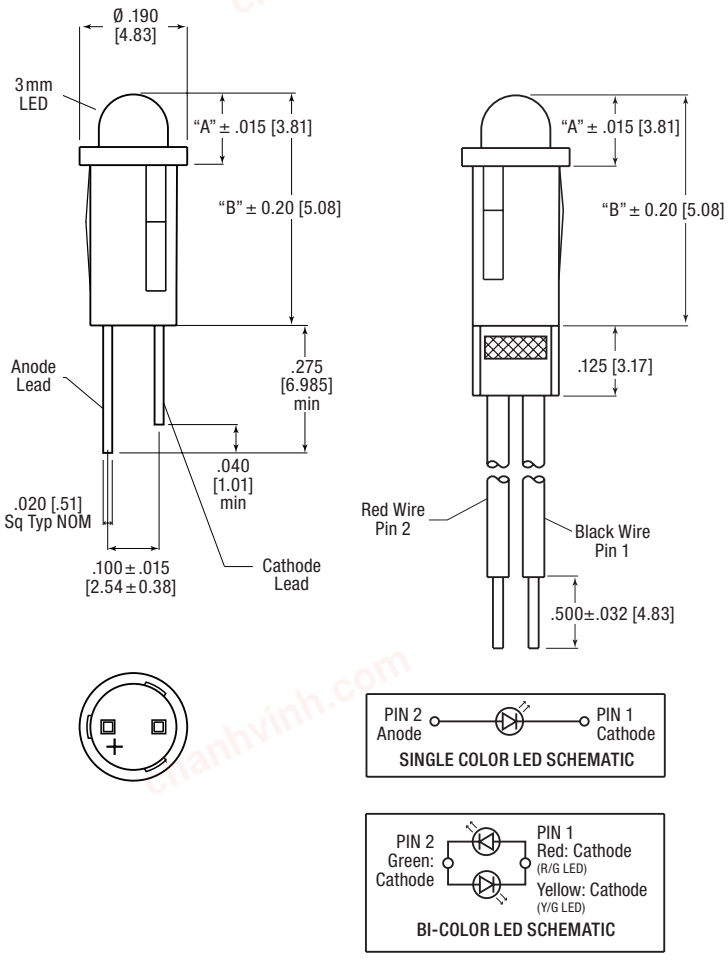
Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- Fan tray assemblies
- Data center infrastructure (servers and storage)
- Networking equipment (switches and routers)
- Storage networking hardware (fiber channel host bus adapter cards)
- Next-Gen wireless infrastructure
- Electronic test & measurement instruments
- Communications testing equipment

. . . and many more!

## Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 0.155 – 0.158" (3.94 – 4.01 mm) |
| **Max Panel Thickness:** | 0.031 – 0.062" (.787 – 1.57 mm) |
| **Mounting Torque:** | N / A |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 1.8 – 3.3 V DC typical,<br>5 V DC typical (resistor included) |
| **Operating Temp:** | See table |
| **Storage Temp:** | -55 °C to +100 °C (-67 °F to +212 °F) |
| **Electrical Connection:** | Straight terminals for wire wrapping or 26 AWG lead wire |
| **Housing:** | Valox UL94V-0<br>and enhances LED contrast |
| **Connectors:** | Available upon request |
| **Possible Connectors:** | Samtec IPD1-05-S-K |
| **Terminals:** | Available upon request |
| **Possible Terminals:** | Samtec CC79L-2630-01-S;<br>AMP 1-104480-3 |

RoHS COMPLIANT

Dialight

# Ordering Information

## 558 Series

**Part Number Guide**

RoHS Compliant

| 5 | 5 | 8 | - | X | X | X | X | - | 0 | X | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

- **LED Code** (see below)
- **Wire Code**
  - Standard: 0
  - PVC Free: 2
- **Termination Code**
  - Straight Terminals: 1
  - 26 AWG 6" wire leads: 3
  - 26 AWG 14" wire leads: 7

| LED Code | Color | Peak Wavelength (nm) | Intensity Typ. (mcd) | If Typ. (mA) | Vf Typ. (V DC) | Viewing Angle | Max DC Forward Current (mA) | Type | Operating Temp | DIM "A" | DIM "B" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0102 | Red | 635 | 29 | 12 | 5 | 60 | 15 | 5 V Integral Resistor | -40 °C to +85 °C | 0.101 | 0.381 |
| 0202 | Green | 565 | 19 | 12 | 5 | 60 | 15 | | | | |
| 0302 | Yellow | 585 | 12.6 | 12 | 5 | 60 | 15 | | | | |
| 3001 | Red / Green | 630 / 565 | 5.6 / 8.7 @10 mA | 10 / 20 | 1.9 / 2.0 @20 mA | 200 | 30 / 30 | Bi-Color | -55 °C to +100 °C | | |
| 3101 | Red / Green | 660 / 565 | 12.6 / 3.7 | 20 | 1.6 / 2.1 | 200 | 40 / 30 | | | | |
| 3201 | Yellow / Green | 585 / 565 | 5.8 / 12.3 | 10 | 2.1 / 2.1 | 80 | 20 / 30 | | | | |
| 0101 | Red | 635 | 8.7 | 10 | 2 | 60 | 30 | High Efficiency Diffused | -25 °C to +85 °C | 0.111 | 0.391 |
| 0201 | Green | 565 | 12.6 | 10 | 2.1 | 60 | 30 | | | | |
| 0301 | Yellow | 585 | 8.7 | 10 | 2.1 | 60 | 20 | | | | |
| 0401 | Orange | 600 | 7 | 10 | 1.9 | 60 | 25 | | -55 °C to +85 °C | 0.101 | 0.381 |
| 1801 | Red | 660 | 60 | 20 | 1.8 | 60 | 40 | | -55 °C to +100 °C | | |
| 0803 | Blue | 468 | 57 | 10 | 3.2 | 100 | 30 | Low Current Diffused | -40 °C to +100 °C | 0.107 | 0.387 |
| 1101 | Red | 635 | 2.4 | 2 | 1.7 | 60 | 7 | | | 0.101 | 0.381 |
| 1201 | Yellow | 585 | 1.4 | 2 | 1.8 | 60 | 7 | | -55 °C to +100 °C | | |
| 1301 | Green | 565 | 1.6 | 2 | 1.9 | 60 | 7 | Non-Tinted / Non-Diffused | | | |
| 0501 | Green | 565 | 70 | 20 | 2.1 | 45 | 30 | | -40 °C to +100 °C | | |
| 0601 | Yellow | 592 | 200 | 20 | 1.9 | 45 | 50 | | | | |
| 0701 | Red | 660 | 170 | 20 | 1.8 | 45 | 40 | | -40 °C to +85 °C | | |
| 6003 | Blue | 468 | 520 | 20 | 3.3 | 45 | 30 | | | | |
| 6403 | White | Y=.31 Y=.32 | 3000 | 20 | 3.3 | 45 | 30 | | | | |
| 1501 | Green | 565 | 40 | 10 | 2.1 | 45 | 30 | Tinted / Non-Diffused | -55 °C to +100 °C | | |
| 1601 | Yellow | 585 | 70 | 20 | 2.1 | 45 | 20 | | | | |
| 1701 | Red | 660 | 170 | 20 | 1.8 | 45 | 40 | | -40 °C to +100 °C | | |
| 6203 | Green | 518 | 85 | 2 | 2.1 | 100 | 30 | White Diffused | -45 °C to +85 °C | | |

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# 559 Series

## Snap-in LED .250" (6.35 mm) Mounting Hole



## Certifications & Ratings

- RoHS compliant

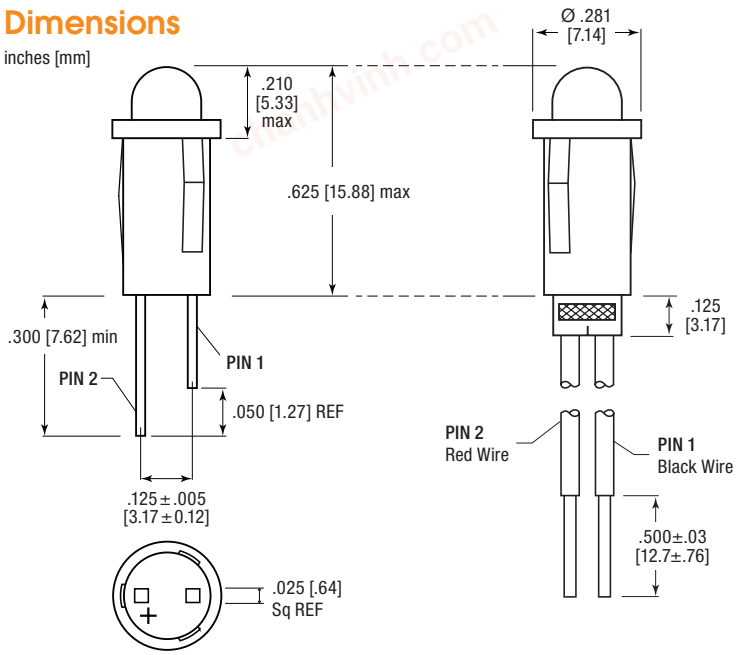
## Application

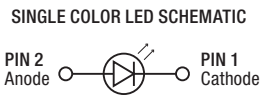
Dialight's 559 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bicolor and integral resistors.

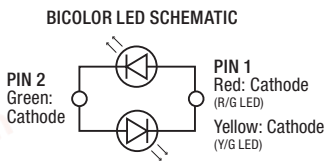
- Fan tray assemblies
- Data-center Infrastructure (Servers and Storage)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Hand held Devices

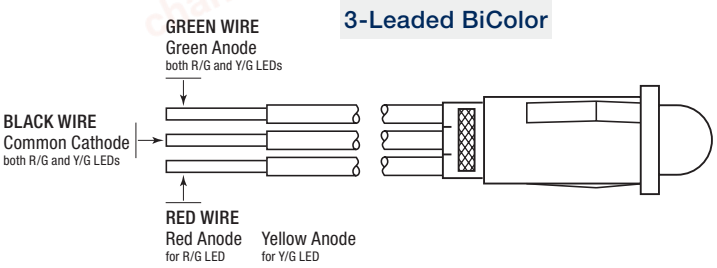
. . . and many more!

## Dimensions




## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.249 – 0.252" (6.32 – 6.40 mm) |
| **Max Panel Thickness:** | 0.031 – 0.062" (.787 – 1.57 mm) |
| **Mounting Torque:** | N/A |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 1.6 – 2.3 V DC typical (resistor required)<br>5, 12, 24V DC (no resistor required) |
| **Operating Temp:** | See table |
| **Storage Temp:** | -55 °C to +100 °C (-67 °F to +212 °F) |
| **Electrical Connection:** | Straight terminals for wire wrapping or 24 AWG lead wire |
| **Housing:** | Black — UL94V-0 and enhances LED contrast |
| **Wire Leads:** | 6" or 14" |
| **Connectors:** | Available upon request |
| **Possible Connectors:** | Molex 50-57-9402<br>AMP 3-643814-3 |
| **Terminals:** | Available upon request |
| **Possible Terminals:** | Molex 16-02-0069, 16-02-077,<br>AMP 42067-1 |

RoHS COMPLIANT

Dialight

## Ordering Information 559 Series

### Part Number Guide

| 5 | 5 | 9 | - | X | X | X | X | - | 0 | X | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**LED Code (see below)**

**Wire Code**

| | |
|---|---|
| Standard | 0 |
| PVC Free | 2 |

**Termination Code**

| | |
|---|---|
| Straight Terminals | 1 |
| 24 AWG 6" wire leads | 3 |
| 24 AWG 14" wire leads | 7 |

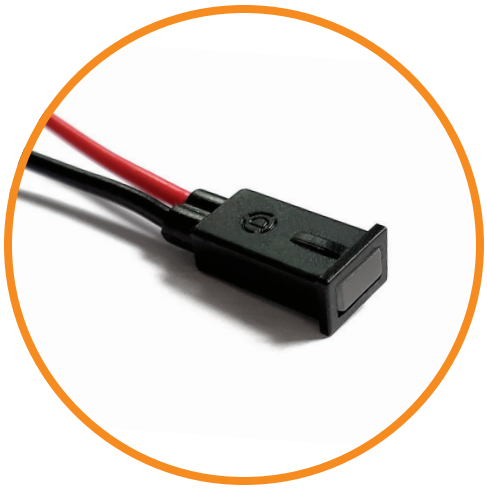
| LED Code | Color | Peak Wavelength (nm) | Intensity Typ. (mcd) | If Typ. (mA) | Vf Typ. (V DC) | Viewing Angle | Max DC Forward Current (mA) | Type | Operating Temp |
|---|---|---|---|---|---|---|---|---|---|
| 5501 | Red | 635 | 125 | 20 | 2.2 | 24 | 30 | Non-Tinted / Non-Diffused | -55 °C to +100 °C |
| 5601 | Green | 565 | 120 | | 2.3 | 24 | 30 | | -20 °C to +100 °C |
| 5701 | Yellow | 583 | 140 | | 2.1 | 24 | 20 | | -55 °C to +100 °C |
| 5801 | Orange | 605 | 90 | | 2.2 | 20 | 50 | | -30 °C to +85 °C |
| 5901 | Yellow | 592 | 3100 | | 2 | 15 | 50 | | -40 °C to +100 °C |
| 6001 | Blue | 470 | 1500 | | 3.6 | 30 | 30 | | -30 °C to +85 °C |
| 6101 | Red | 635 | 2100 | | 1.9 | 15 | 50 | | -40 °C to +100 °C |
| 6201 | Green | 525 | 5000 | | 3.2 | 30 | 30 | | -30 °C to +85 °C |
| 6301 | Orange | 609 | 4000 | | 1.9 | 15 | 50 | | -40 °C to +100 °C |
| 6401 | White | X = .31 Y = .32 | 2500 | | 3.2 | 50 | 30 | | -30 °C to +85 °C |
| 1101 | Red | 635 | 2.3 | 2 | 1.7 | 50 | 7 | Low Current Diffused | -55 °C to +100 °C |
| 1201 | Yellow | 583 | 1.8 | | 1.9 | 50 | 7 | | |
| 1301 | Green | 565 | 1.8 | | 1.8 | 50 | 7 | | |
| 2101 | Red | 650 | 6.3 | 10 | 2.2 | 50 | 20 | Diffused | -25 °C to +85 °C |
| 2201 | Green | 563 | 10 | | 2.1 | 65 | 25 | | |
| 2301 | Yellow | 585 | 29 | | 1.9 | 50 | 20 | | -55 °C to +100 °C |
| 2501 | Orange | 600 | 7 | | 1.9 | 60 | 30 | | |
| 5101 | Red | 635 | 40 | 10 | 2 | 50 | 25 | | -40 °C to -100 °C |
| 5201 | Green | 565 | 19 | | 2.1 | 50 | 30 | | -55 °C to +100 °C |
| 5301 | Yellow | 585 | 29 | | 2.1 | 50 | 20 | | |
| 5401 | Amber | 610 | 50 | 20 | 2.1 | 50 | 20 | | -40 °C to -100 °C |
| 0102 | Red | 635 | 8 | 10 | 5 | 60 | 15 | 5V Integral Resistor | -40 °C to +85 °C |
| 0202 | Green | 565 | 8 | 12 | 5 | 60 | 15 | | -20 °C to +85 °C |
| 0302 | Yellow | 583 | 8 | 10 | 5 | 60 | 15 | | -40 °C to +85 °C |
| 0103 | Red | 635 | 8 | 13 | 12 | 60 | 15 | 12V Integral Resistor | -55 °C to +100 °C |
| 0203 | Green | 565 | 8 | | 12 | 60 | 15 | | -20 °C to +85 °C |
| 0303 | Yellow | 583 | 8 | | 12 | 60 | 15 | | -40 °C to +85 °C |
| 5904 | Yellow | 592 | 3100 | 20 | 24 | 15 | 50 | 24V Integral Resistor | -30 °C to +85 °C |
| 6104 | Red | 635 | 2100 | | 24 | 15 | 50 | | |
| 6204 | Green | 525 | 5000 | | 24 | 30 | 50 | | |
| 3001 | Red / Green | 660 / 565 | 90 / 40 | | 1.8 / 2.1 | 60 | 40 / 30 | 2 leaded Bi-color | -55 °C to +100 °C |
| 3201 | Yellow / Green | 589 / 571 | 30/50 | | 2.1 / 2.1 | 50 | 20 | | -30 °C to +85 °C |
| 3501 | Red / Green | 635 / 565 | 5.0 / 8.0 | 10 | 2.1 / 2.3 | 65 | 30 | 3 leaded Bi-color | -20 °C to +85 °C |
| 3601 | Yellow / Green | 590 / 568 | 9 / 13.5 | | 2 / 2.1 | 65 | 30 | | |

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# 559 Rectangle Series
## Snap-in LED
## 0.216 x 0.139" (5.49 x 3.53 mm) Mounting Hole



## Certifications & Ratings

- RoHS compliant

## Application

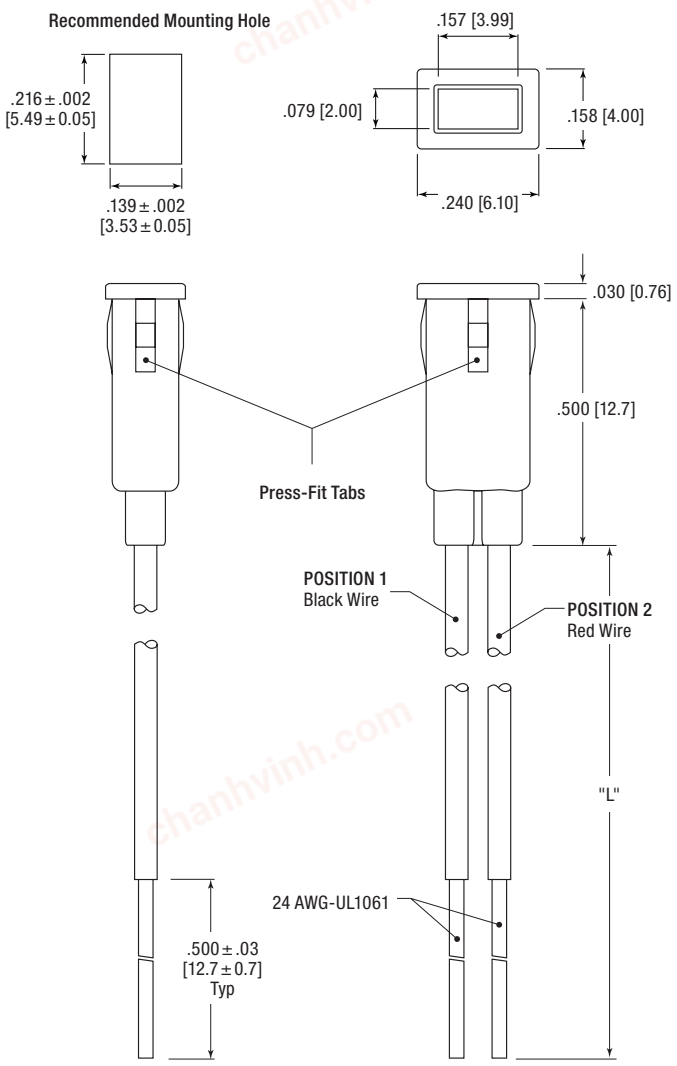
Dialight's 559 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bicolor and integral resistors.

- Fan tray assemblies
- Data-center Infrastructure (Servers and Storage)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Hand held Devices

. . . and many more!

## Dimensions

inches [mm]




## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.216 ± .002" x .139 ± .002" (5.49 ± .05 mm x 3.53 ± .05 mm) |
| **Max Panel Thickness:** | 0.031 – 0.062" (.787 – 1.57 mm) |

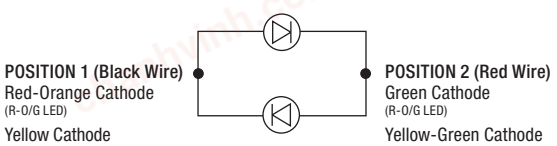
## Specifications

| | |
|---|---|
| **Voltage Options:** | 1.6 – 3.2V DC typical (resistor required) |
| **Operating Temp:** | See table |
| **Storage Temp:** | See table |
| **Electrical Connection:** | 24 AWG 14" lead wire |
| **Housing:** | Black — UL94V-0 and enhances LED contrast |

SINGLE COLOR LED SCHEMATIC




BICOLOR LED SCHEMATIC




RoHS COMPLIANT

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## Ordering Information 559 Rectangle Series

### Part Number Guide

RoHS Compliant

| 5 | 5 | 9 | - | 8 | X | X | 0 | - | 0 | 0 | 7 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Color**

| | | |
|---|---|---|
| 1 | 0 | Red |
| 2 | 0 | Green |
| 3 | 0 | Yellow |
| 4 | 0 | Blue |
| 1 | 2 | Red-Orange / Green |
| 3 | 2 | Yellow-Green / Yellow |

**Termination**

| | |
|---|---|
| 7 | 24 AWG 14" wire leads |

| Part Number | Color | Peak Wavelength (nm) | Intensity Typ. (mcd) | If Typ. (mA) | Vf Typ. (V DC) | Viewing Angle | Max DC Forward Current (mA) | Operating Temp | Storage Temp |
|---|---|---|---|---|---|---|---|---|---|
| 559-8100-007F | Red | 635 | 125 | 20 | 2.0 | 104 | 30 | -55 °C to +100 °C | -55 °C to +100 °C |
| 559-8200-007F | Green | 565 | 120 | | 2.1 | 104 | 30 | -20 °C to +100 °C | |
| 559-8300-007F | Yellow | 585 | 140 | | 2.1 | 104 | 20 | -55 °C to +100 °C | |
| 559-8400-007F | Blue | 468 | 67 | | 3.2 | 100 | 20 | -30 °C to +85 °C | -40 °C to +100 °C |
| 559-8120-007F | Red-Orange / Green | 630 / 565 | 90 / 40 | | 2.1 | 140 | 30 | -55 °C to +100 °C | -55 °C to +100 °C |
| 559-8320-007F | Yellow-Green / Yellow | 570 / 591 | 30 / 50 | | 2.1 | 120 | 20 | -30 °C to +85 °C | -40 °C to +100 °C |

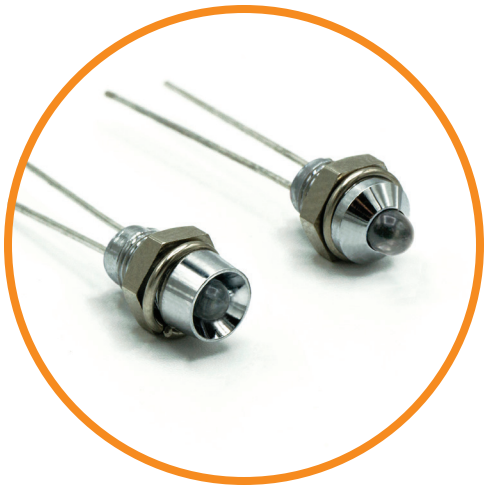
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# 605 Series
## 5 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

The 605 Series LED Panel Mount Indicators are designed for a variety of applications such as.

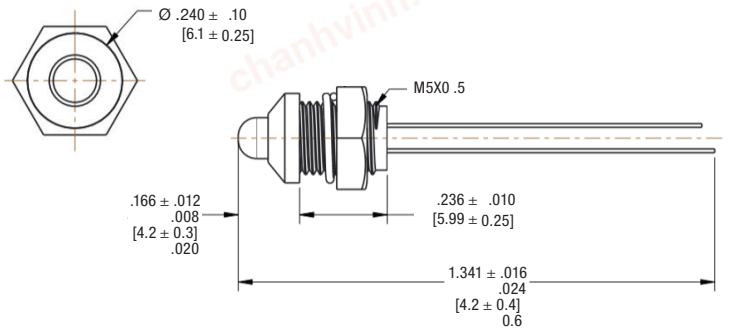
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

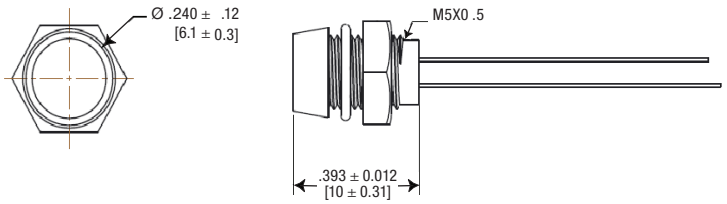
## Dimensions

inches [mm]

**Protruding**




**Recessed**




## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.205" (5.2 mm) |
| **Max Panel Thickness:** | 0.138" (3.5 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 2 VDC (resistor required) |
| **Operating temp:** | -25 °C to +85 °C (-13 °F to +185 °F) |
| **Storage Temp:** | -25 °C to +100 °C (-13 °F to +212 °F) |
| **Electrical Connection:** | Through hole leads |
| **Housing:** | Brass—Chrome plated |
| **Terminals:** | Copper—Nickel Plated |
| **Lock washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

## Ordering Information 605 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) | LED Position | Finish |
|---|---|---|---|---|---|---|
| 605-1111-110F | Red | 2 | 15 | 60 | Protruding | Chrome |
| 605-1211-110F | Green | | | 70 | | |
| 605-1311-110F | Yellow | | | 50 | | |
| 605-2111-110F | Red | | | 60 | Recessed | |
| 605-2211-110F | Green | | | 70 | | |
| 605-2311-110F | Yellow | | | 50 | | |

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# 606 Series
## 6 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

The 606 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]

**Figure 1**

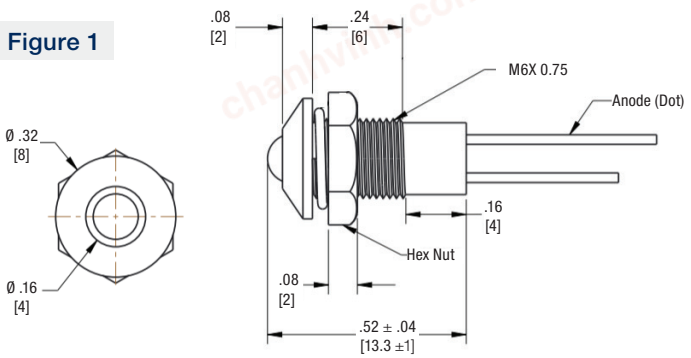
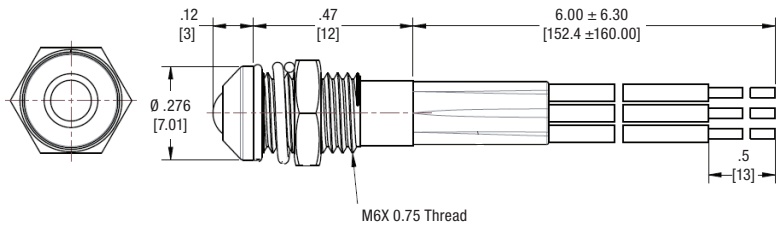



**Figure 2**




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.244" (6.2 mm) |
| **Max Panel Thickness:** | 0.138" (3.5 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) torque |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 2 and 3 VDC (resistor required)<br>6 and 12 VDC / bi-color<br>(no resistor required) |
| **Operating temp:** | -25 °C to +85 °C (-13 °F to +185 °F) |
| **Storage Temp:** | -25 °C to +100 °C (-13 °F to +212 °F) |
| **Electrical Connection:** | Through hole and 26 AWG wire leads (bi-color only) |
| **Housing:** | Brass—Chrome Plated |
| **Terminals:** | Copper—Nickel Plated |
| **Wire Leads:** | 6" on bi-color only |
| **Lock washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

**Figure 3**

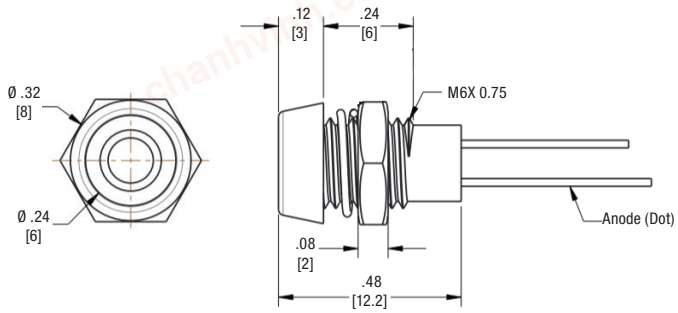
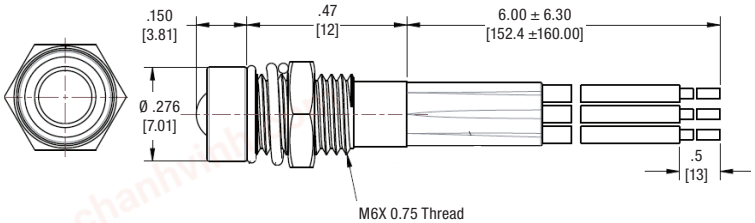



**Figure 4**




RoHS COMPLIANT

Dialight

## Ordering Information 606 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity* (mcd) | LED Position | Finish | Figure |
|---|---|---|---|---|---|---|---|
| 606-1111-110F | Red | 2 | 5 | 45 | Protruding | Chrome | 1 |
| 606-1211-110F | Green | 3 | 15 | 70 | | | |
| 606-1311-110F | Yellow | 2 | | 60 | | | |
| 606-1215-110F | Green | 3 | | 70 | | | 1 w/ Wire Leads |
| 606-1415-110F | Red/Green | 3 | 10 | 40/50 | | | 2 |
| 606-1415-120F | Red/Green | 6 | | 40/50 | | | |
| 606-1415-130F | Red/Green | 12 | | 40/50 | | | |
| 606-2111-110F | Red | 2 | 5 | 45 | Recess | | 3 |
| 606-2211-110F | Green | 3 | 15 | 70 | | | |
| 606-2311-110F | Yellow | 2 | | 60 | | | |
| 606-2415-110F | Red/Green | 3 | 10 | 40/50 | | | 4 |
| 606-2415-120F | Red/Green | 6 | | 40/50 | | | |
| 606-2415-130F | Red/Green | 12 | | 40/50 | | | |

*Bi-color intensity (Red/Green)

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# 606 Series
## 6 mm Expanded Temperature Range Panel Mount Indicators

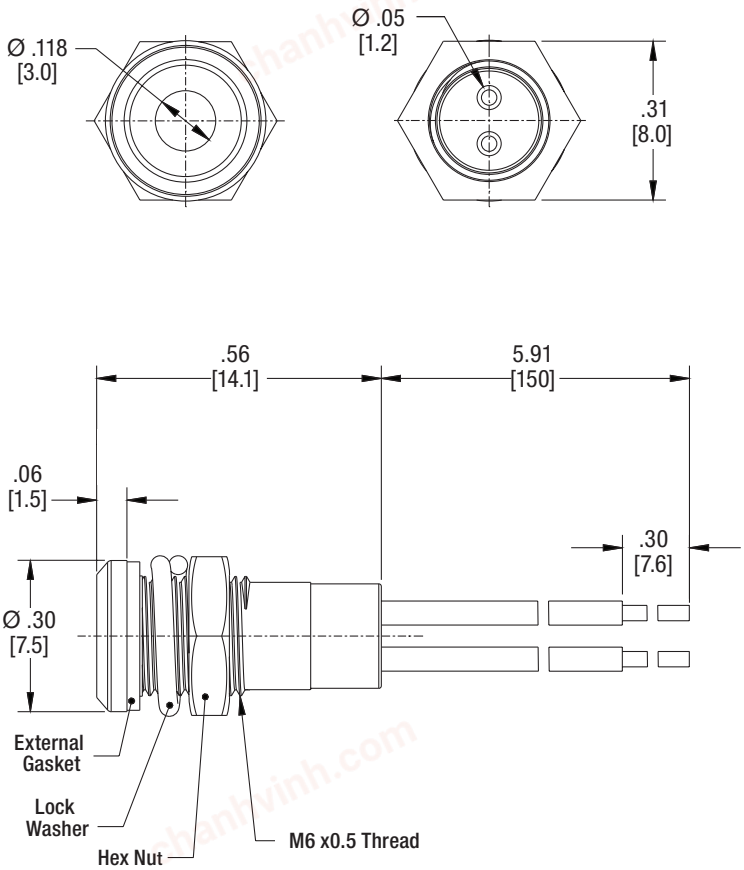


### Certifications & Ratings
- RoHS compliant
- IP67

### Application
The 606 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation . . . and many more!

## Dimensions
inches [mm]




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.244" (6.2 mm) |
| **Max Panel Thickness:** | 0.138" (3.5 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) torque |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 3 VDC (resistor required)<br>6, 12, 24, and 28 VDC<br>(no resistor required) |
| **Operating temp:** | -40 °C to +85 °C (-40 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 26 AWG wire leads |
| **Housing:** | Stainless Steel |
| **Wire Leads:** | 6" -(26 AWG) |
| **Lock washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

RoHS COMPLIANT

Dialight

## Ordering Information 606 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity* (mcd) |
|---|---|---|---|---|
| 606-3115-110F | Red | 3 | 15 | 620 |
| 606-3215-110F | Green | | | 2500 |
| 606-3315-110F | Yellow | | | 620 |
| 606-3415-110F | Blue | | | 620 |
| 606-3115-120F | Red | 6 | | 620 |
| 606-3215-120F | Green | | | 2500 |
| 606-3315-120F | Yellow | | | 620 |
| 606-3415-120F | Blue | | | 620 |
| 606-3115-130F | Red | 12 | | 620 |
| 606-3215-130F | Green | | | 2500 |
| 606-3315-130F | Yellow | | | 620 |
| 606-3415-130F | Blue | | | 620 |
| 606-3115-140F | Red | 24 | | 620 |
| 606-3215-140F | Green | | | 2500 |
| 606-3315-140F | Yellow | | | 620 |
| 606-3415-140F | Blue | | | 620 |
| 606-3115-150F | Red | 28 | | 620 |
| 606-3215-150F | Green | | | 2500 |
| 606-3315-150F | Yellow | | | 620 |
| 606-3415-150F | Blue | | | 620 |

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# 607 Series
## 7 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant
- NEMA 4X (Watertight only)
- IP66 (Watertight only)

## Application

The 607 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]

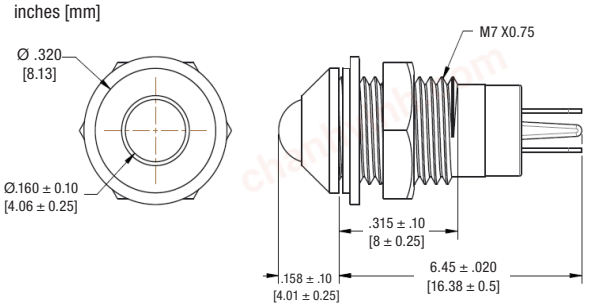



Figure 1

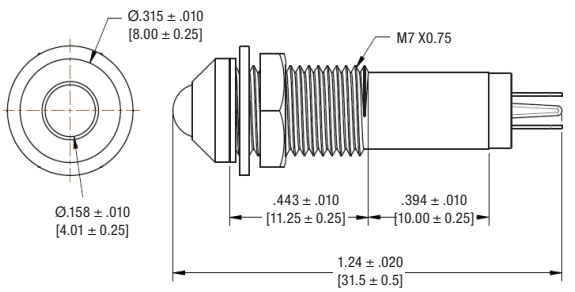



Figure 2

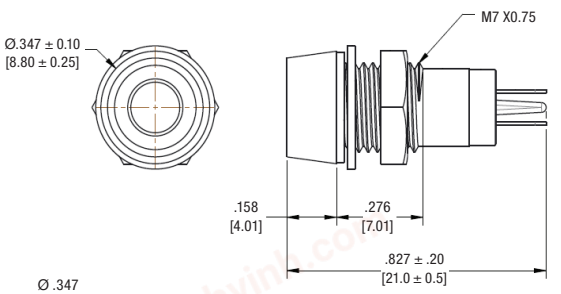



Figure 3

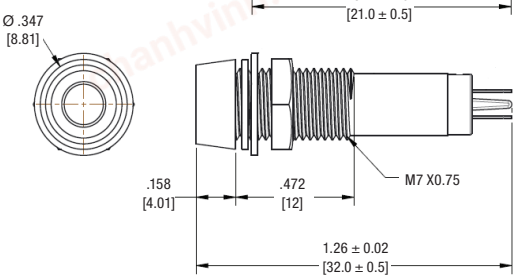



Figure 4

*These indicators are un-polarized*

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## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.283" (7.2 mm) |
| **Max Panel Thickness:** | See part numbers |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm)<br>0.217 lbs/ft or 3 kg/cm (Figure 5 only) |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 2 VDC (resistor required)<br>6, 12 & 24 VDC (no resistor required) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +85 °C (-40 °F to +185 °F) |
| **Electrical Connection:** | Solder terminals |
| **Housing:** | Protruding & recessed positions:<br>Brass—Chrome Plated<br>Internal position: Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

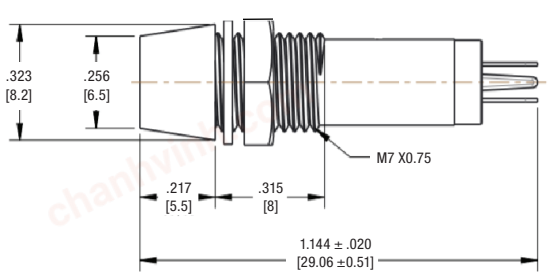



Figure 5



Ordering Information >

Dialight

## Ordering Information 607 Series

| Standard | Watertight | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Part Number | Color | Voltage (VDC) | Current (mA) | Intensity Typ. (mcd) | LED Positions | Figure | Panel Thickness |
| 607-1112-110F | 607-1112-310F | Red | 2 | 15 | 40 | Protruding | 1 | 0.187" (4.75 mm) |
| 607-1212-110F | 607-1212-310F | Green | | | 65 | | | |
| 607-1312-110F | 607-1312-310F | Yellow | | | 55 | | | |
| 607-1112-120F | 607-1112-320F | Red | 6 | | 40 | | 2 | 0.265" (6.75 mm) |
| 607-1212-120F | 607-1212-320F | Green | | | 65 | | | |
| 607-1312-120F | 607-1312-320F | Yellow | | | 55 | | | |
| 607-1112-130F | 607-1112-330F | Red | 12 | | 40 | | | |
| 607-1212-130F | 607-1212-330F | Green | | | 65 | | | |
| 607-1312-130F | 607-1312-330F | Yellow | | | 55 | | | |
| 607-2112-110F | 607-2112-310F | Red | 2 | | 65 | Recessed | 3 | 0.136" (3.45 mm) |
| 607-2212-110F | 607-2212-310F | Green | | | 85 | | | |
| 607-2312-110F | 607-2312-310F | Yellow | | | 70 | | | |
| 607-2112-120F | 607-2112-320F | Red | 6 | | 65 | | 4 | 0.336" (8.50 mm) |
| 607-2212-120F | 607-2212-320F | Green | | | 85 | | | |
| 607-2312-120F | 607-2312-320F | Yellow | | | 70 | | | |
| 607-2112-130F | 607-2112-330F | Red | 12 | | 65 | | | |
| 607-2212-130F | 607-2212-330F | Green | | | 85 | | | |
| 607-2312-130F | 607-2312-330F | Yellow | | | 70 | | | |
| 607-3132-120F | 607-3132-320F | Red | 6 | | 35 | Internal | 5 | 0.187" (4.75 mm) |
| 607-3232-120F | 607-3232-320F | Green | | | 45 | | | |
| 607-3332-120F | 607-3332-320F | Yellow | | | 40 | | | |
| 607-3132-130F | 607-3132-330F | Red | 12 | | 35 | | | |
| 607-3232-130F | 607-3232-330F | Green | | | 45 | | | |
| 607-3332-130F | 607-3332-330F | Yellow | | | 40 | | | |
| 607-3132-140F | 607-3132-340F | Red | 24 | | 35 | | | |
| 607-3232-140F | 607-3232-340F | Green | | | 45 | | | |
| 607-3332-140F | 607-3332-340F | Yellow | | | 40 | | | |

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# 608 Series
## 8 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

The 608 Series LED Panel Mount Indicators are designed for a variety of applications such as.

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]

Figure 1

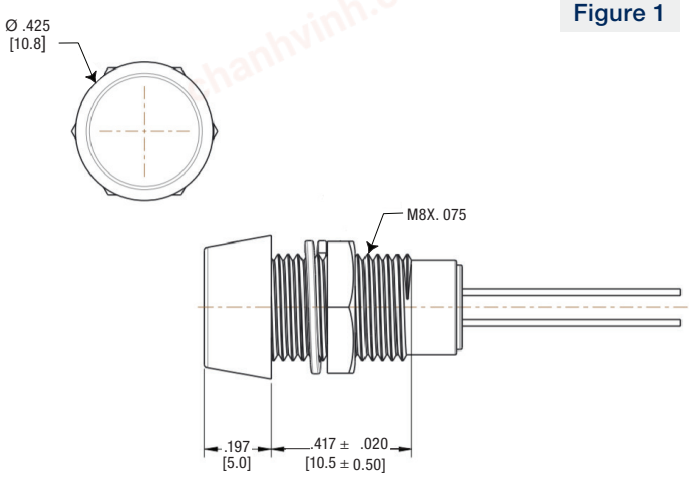
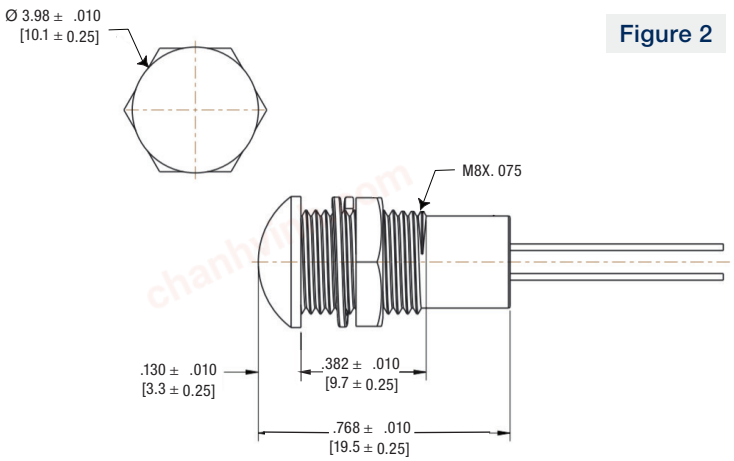



Figure 2




*These indicators are un-polarized*

## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.323" (8.2 mm) (Fig. 1 & 2), |
| **Max Panel Thickness:** | See part numbers |
| **Mounting Torque:** | 0.217 lbs/ft or 3 kg/cm |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 2 V DC (resistor required) |
| **Operating Temp:** | -25 °C to +85 °C (-13 °F to +185 °F) |
| **Storage Temp:** | -25 °C to +85 °C (-13 °F to +185 °F) |
| **Electrical Connection:** | Straight terminals (Fig. 1 & 2), |
| **Housing:** | Polycarbonate |
| **Lock Washer:** | Iron — Nickel Plated |
| **Nut:** | Brass — Nickel Plated |

RoHS COMPLIANT

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## Ordering Information 608 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) | Lens Shape | Figure | Panel Thickness |
|---|---|---|---|---|---|---|---|
| **Lock Washer & Nut** | | | | | | | |
| 608-1131-110F | Red | 2 | 15 | 25 | Domed | 1 | 0.236" (6 mm) |
| 608-1231-110F | Green | | | 30 | | | |
| 608-1331-110F | Yellow | | | 15 | | | |
| 608-3131-110F | Red | | | 25 | Flat | 2 | |
| 608-3231-110F | Green | | | 30 | | | |
| 608-3331-110F | Yellow | | | 15 | | | |

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# 609 Series
## 9 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant
- NEMA 4X (Watertight only)
- IP66 (Watertight only)

## Application

The 609 Series LED Panel Mount Indicators are designed for a variety of applications such as:

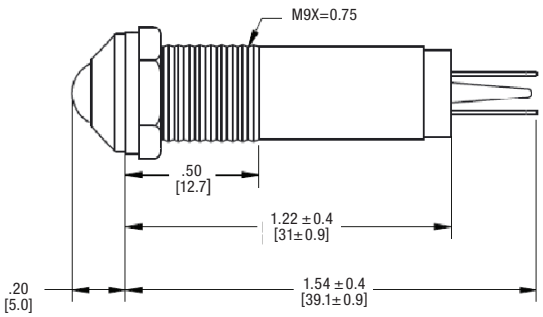
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

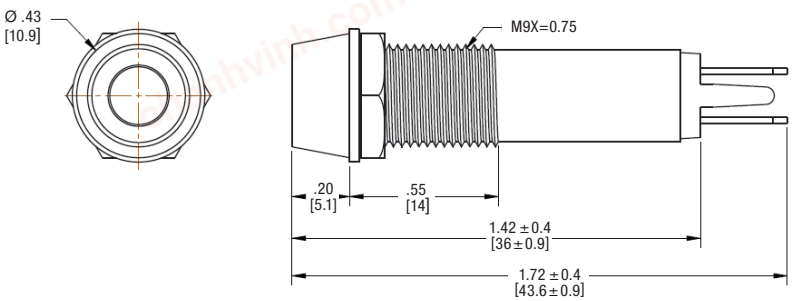
## Dimensions

inches [mm]

### Protruding




### Recessed




*These indicators are un-polarized*

## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.374" (9.5 mm) |
| **Max Panel Thickness:** | 0.374" (9.5 mm); with Gasket: 0.318" (8.0 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 6, 12 & 24 V DC (no resistor required) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +85 °C (-40 °F to +185 °F) |
| **Electrical Connection:** | Solder terminals |
| **Housing:** | Brass—Chrome or Black Plated |
| **Terminals:** | Copper—Nickel Plated |
| **Lock washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

RoHS COMPLIANT

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## Ordering Information 609 Series

### Part Number Guide

*RoHS Compliant*

6 0 9 - X X X 2 - X X 0 F

**LED Position**
- Protruding 1
- Recessed 2

**Color**
- Red 1
- Green 2
- Yellow 3

**Plating**
- 1 Chrome
- 2 Black

**Voltage**
- 2 6VDC
- 3 12VDC
- 4 24VDC

**Standard**
- 1 Standard
- 3 Watertight

### Protruding LED

| Part Number Standard | Part Number Watertight | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Plating |
|---|---|---|---|---|---|---|
| 609-1112-120F | 609-1112-320F | Red | 6 | 15 | 85 | Chrome |
| 609-1212-120F | 609-1212-320F | Green | | | 115 | |
| 609-1312-120F | 609-1312-320F | Yellow | | | 90 | |
| 609-1112-130F | 609-1112-330F | Red | 12 | | 85 | |
| 609-1212-130F | 609-1212-330F | Green | | | 115 | |
| 609-1312-130F | 609-1312-330F | Yellow | | | 90 | |
| 609-1112-140F | 609-1112-340F | Red | 24 | | 85 | |
| 609-1212-140F | 609-1212-340F | Green | | | 115 | |
| 609-1312-140F | 609-1312-340F | Yellow | | | 90 | |
| 609-1122-120F | 609-1122-320F | Red | 6 | | 85 | Black |
| 609-1222-120F | 609-1222-320F | Green | | | 115 | |
| 609-1322-120F | 609-1322-320F | Yellow | | | 90 | |
| 609-1122-130F | 609-1122-330F | Red | 12 | | 85 | |
| 609-1222-130F | 609-1222-330F | Green | | | 115 | |
| 609-1322-130F | 609-1322-330F | Yellow | | | 90 | |
| 609-1122-140F | 609-1122-340F | Red | 24 | | 85 | |
| 609-1222-140F | 609-1222-340F | Green | | | 115 | |
| 609-1322-140F | 609-1322-340F | Yellow | | | 90 | |

### Recessed LED

| Part Number Standard | Part Number Watertight | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Plating |
|---|---|---|---|---|---|---|
| 609-2112-120F | 609-2112-320F | Red | 6 | 15 | 85 | Chrome |
| 609-2212-120F | 609-2212-320F | Green | | | 115 | |
| 609-2312-120F | 609-2312-320F | Yellow | | | 90 | |
| 609-2112-130F | 609-2112-330F | Red | 12 | | 85 | |
| 609-2212-130F | 609-2212-330F | Green | | | 115 | |
| 609-2312-130F | 609-2312-330F | Yellow | | | 90 | |
| 609-2112-140F | 609-2112-340F | Red | 24 | | 85 | |
| 609-2212-140F | 609-2212-340F | Green | | | 115 | |
| 609-2312-140F | 609-2312-340F | Yellow | | | 90 | |
| 609-2122-120F | 609-2122-320F | Red | 6 | | 85 | Black |
| 609-2222-120F | 609-2222-320F | Green | | | 115 | |
| 609-2322-120F | 609-2322-320F | Yellow | | | 90 | |
| 609-2122-130F | 609-2122-330F | Red | 12 | | 85 | |
| 609-2222-130F | 609-2222-330F | Green | | | 115 | |
| 609-2322-130F | 609-2322-330F | Yellow | | | 90 | |
| 609-2122-140F | 609-2122-340F | Red | 24 | | 85 | |
| 609-2222-140F | 609-2222-340F | Green | | | 115 | |
| 609-2322-140F | 609-2322-340F | Yellow | | | 90 | |

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# 610 Series
## 10 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

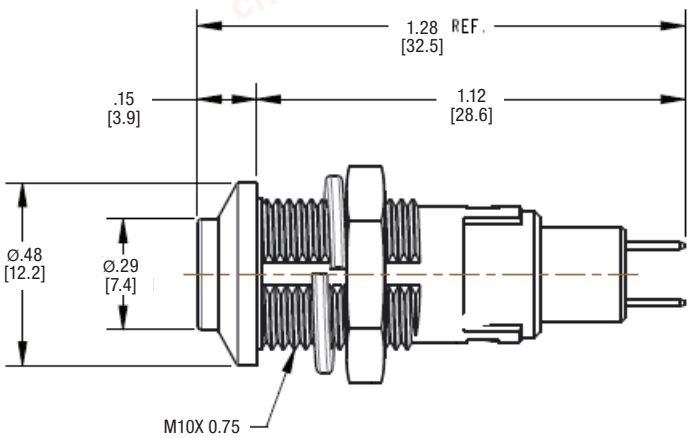
The 610 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.413" (10.5 mm) |
| **Max Panel Thickness:** | 0.236" (6.0 mm) |
| **Mounting Torque:** | 0.217 lbs/ft (3 kg/cm) |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 6 VDC (no resistor required) |
| **Operating Temp:** | -25 °C to +85 °C (-13 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Solder terminals |
| **Housing:** | Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

## Ordering Information 610 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | LED Shape |
|---|---|---|---|---|---|
| 610-3132-120F | Red | 6 | 15 | 75 | Round |
| 610-3232-120F | Green | | | 110 | |
| 610-3332-120F | Yellow | | | 60 | |
| 610-4132-120F | Red | | | 75 | Square |
| 610-4232-120F | Green | | | 110 | |
| 610-4332-120F | Yellow | | | 60 | |

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# 612 Series
## 12 mm Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

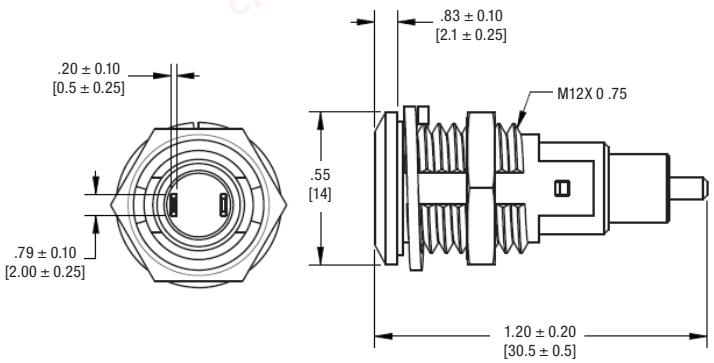
The 612 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.492" (12.5 mm) |
| **Max Panel Thickness:** | 0.236" (6.0 mm) |
| **Mounting Torque:** | 0.217 lbs/ft (3 kg/cm) |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 6, 12 & 24 V DC (no resistor required) |
| **Operating Temp:** | -25 °C to +85 °C (-13 °F to +185 °F) |
| **Storage Temp:** | -25 °C to +100 °C (-13 °F to +212 °F) |
| **Electrical Connection:** | Solder terminals |
| **Housing:** | Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

## Ordering Information 612 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|
| 612-3132-120F | Red | 6 | 15 | 65 |
| 612-3232-120F | Green | | | 110 |
| 612-3332-120F | Yellow | | | 80 |
| 612-3132-130F | Red | 12 | | 65 |
| 612-3232-130F | Green | | | 110 |
| 612-3332-130F | Yellow | | | 80 |
| 612-3132-140F | Red | 24 | | 65 |
| 612-3232-140F | Green | | | 110 |
| 612-3332-140F | Yellow | | | 80 |

RoHS COMPLIANT

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# 620 Series
## 8 mm Heavy Duty Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- IP66 / IP67
- IK10
- NEMA 4X

### Application

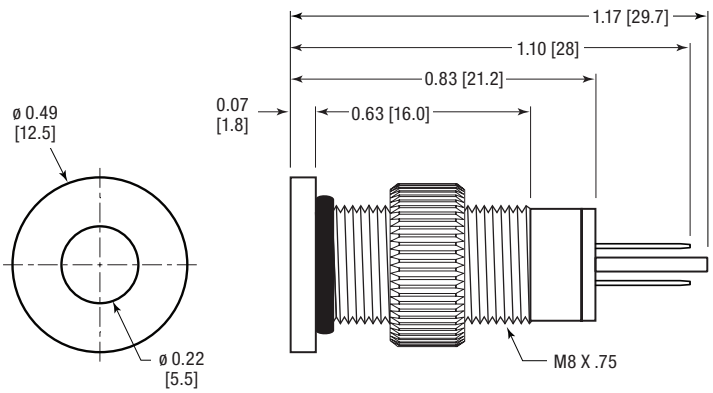
The 620 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

### Dimensions

inches [mm]




***These indicators are un-polarized.***

### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.323" (8.2 mm) |
| **Max Panel Thickness:** | 0.394" (10 mm) |
| **Mounting Torque:** | 7.01 lbs-ft (9.5 Nm) |

### Specifications

| | |
|---|---|
| **Operating Voltage:** | 3 VDC (external resistor required)<br>6, 12 & 24 VDC<br>(internal resistor included) |
| **Operating Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Storage Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Electrical Connection:** | Solder terminals |
| **Housing:** | Stainless Steel |
| **Terminals:** | Stainless Steel |
| **Nut:** | Stainless Steel |

RoHS COMPLIANT

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## Ordering Information 620 Series

### Part Number Guide

*RoHS Compliant*

| 6 | 2 | 0 | - | 1 | X | X | X | - | 3 | 0 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Color**

| | | |
|---|---|---|
| Red | 1 | 0 |
| Green | 2 | 0 |
| Yellow | 3 | 0 |
| Blue | 4 | 0 |

**Voltage**

| | |
|---|---|
| 1 | 3VDC |
| 2 | 6VDC |
| 3 | 12VDC |
| 4 | 24VDC |

| Dialight P/N | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 620-1101-304F | Red | 3 | 15 | 200 |
| 620-1201-304F | Green | | | 250 |
| 620-1301-304F | Yellow | | | 350 |
| 620-1401-304F | Blue | | | 300 |
| 620-1102-304F | Red | 6 | | 200 |
| 620-1202-304F | Green | | | 250 |
| 620-1302-304F | Yellow | | | 350 |
| 620-1402-304F | Blue | | | 300 |
| 620-1103-304F | Red | 12 | | 200 |
| 620-1203-304F | Green | | | 250 |
| 620-1303-304F | Yellow | | | 350 |
| 620-1403-304F | Blue | | | 300 |
| 620-1104-304F | Red | 24 | | 200 |
| 620-1204-304F | Green | | | 250 |
| 620-1304-304F | Yellow | | | 350 |
| 620-1404-304F | Blue | | | 300 |

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# 621 Series

## 22 mm Heavy Duty TriColor Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- IP66 / IP67
- IK10
- NEMA 4X

### Application

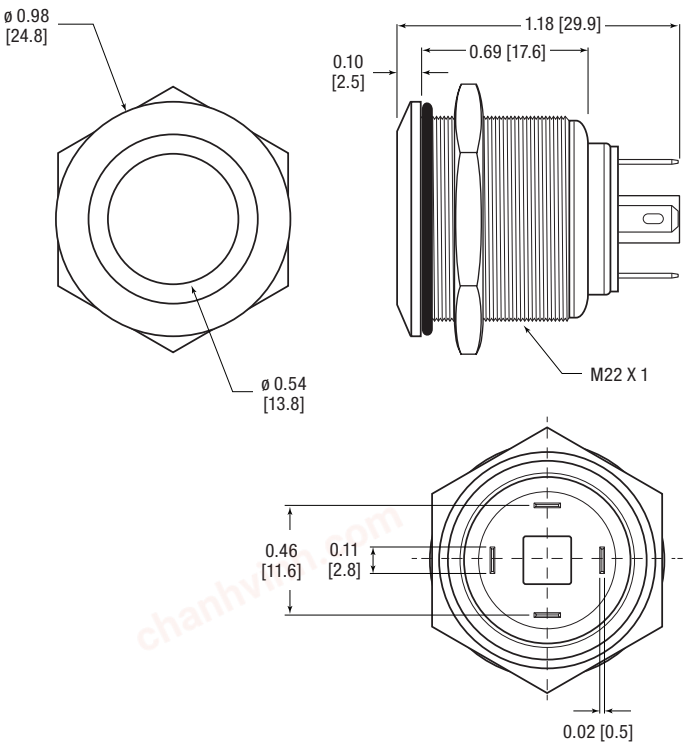
The 621 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

### Dimensions

inches [mm]




***Please use the markings on the housing to properly connect this part for normal operation.***

### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.866" (22 mm) |
| **Max Panel Thickness:** | 0.394" (10 mm) |
| **Mounting Torque:** | 7.01 lbs-ft (9.5 Nm) |

### Specifications

| | |
|---|---|
| **Operating Voltage:** | 3, 6, 12 & 24 VDC (internal resistor included) |
| **Operating Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Storage Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Electrical Connection:** | Solder terminals, Common Cathode |
| **Housing:** | Stainless Steel |
| **Terminals:** | Stainless Steel |
| **Nut:** | Stainless Steel |

RoHS COMPLIANT

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## Ordering Information 621 Series

### Part Number Guide

RoHS Compliant

| 6 | 2 | 1 | - | 1 | 1 | X | X | - | 3 | X | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Color**

| | |
|---|---|
| 1 | Red / Green / Blue (TriColor) |
| 1 | Red / Green / Yellow (TriColor) |
| 2 | |
| 4 | |

**Voltage**

| | |
|---|---|
| 1 | 3VDC |
| 2 | 6VDC |
| 3 | 12VDC |
| 4 | 24VDC |

**Lens**

| | |
|---|---|
| 0 | Diffused |
| 1 | Clear |

| Dialight P/N | Color | Voltage (VDC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| **Diffused Lens** | | | | |
| 621-1121-304F | (TriColor) Red Green Blue | 3 | 15 | Red: 200 Green: 250 Blue: 300 |
| 621-1122-304F | | 6 | | |
| 621-1123-304F | | 12 | | |
| 621-1124-304F | | 24 | | |
| 621-1141-304F | (TriColor) Red Green Yellow | 3 | 15 | Red: 115 Green: 110 Yellow: 435 |
| 621-1142-304F | | 6 | | |
| 621-1143-304F | | 12 | | |
| 621-1144-304F | | 24 | | |
| **Clear Lens** | | | | |
| 621-1121-314F | (TriColor) Red Green Blue | 3 | 15 | Red: 200 Green: 250 Blue: 300 |
| 621-1122-314F | | 6 | | |
| 621-1123-314F | | 12 | | |
| 621-1124-314F | | 24 | | |
| 621-1141-314F | (TriColor) Red Green Yellow | 3 | 15 | Red: 115 Green: 110 Yellow: 435 |
| 621-1142-314F | | 6 | | |
| 621-1143-314F | | 12 | | |
| 621-1144-314F | | 24 | | |

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# 622 Series
## 22 mm Heavy Duty Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- IP66 / IP67
- IK10
- NEMA 4X

### Application

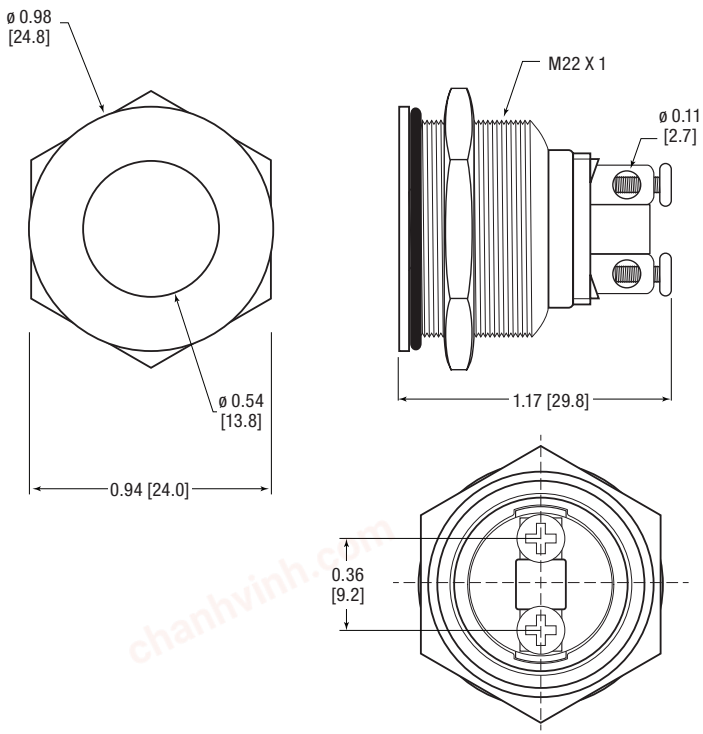
The 622 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

### Dimensions

inches [mm]




*These indicators are un-polarized*

### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.866" (22 mm) |
| **Max Panel Thickness:** | 0.394" (10 mm) |
| **Mounting Torque:** | 7.01 lbs-ft (9.5 Nm) |

### Specifications

| | |
|---|---|
| **Operating Voltage:** | 3 VDC (external resistor required)<br>6, 12 & 24 VDC<br>(internal resistor included) |
| **Operating Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Storage Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Electrical Connection:** | Screw terminals |
| **Housing:** | Stainless Steel |
| **Nut:** | Stainless Steel |

RoHS COMPLIANT

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## Ordering Information 622 Series

### Part Number Guide

*RoHS Compliant*

| 6 | 2 | 2 | - | 1 | X | X | X | - | 3 | 0 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Color**

| | | |
|---|---|---|
| Red | 1 | 0 |
| Green | 2 | 0 |
| Yellow | 3 | 0 |
| Blue | 4 | 0 |

**Voltage**

| | |
|---|---|
| 1 | 3VDC |
| 2 | 6VDC |
| 3 | 12VDC |
| 4 | 24VDC |

| Dialight P/N | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 622-1101-304F | Red | 3 | 15 | 200 |
| 622-1201-304F | Green | | | 250 |
| 622-1301-304F | Yellow | | | 350 |
| 622-1401-304F | Blue | | | 300 |
| 622-1102-304F | Red | 6 | | 200 |
| 622-1202-304F | Green | | | 250 |
| 622-1302-304F | Yellow | | | 350 |
| 622-1402-304F | Blue | | | 300 |
| 622-1103-304F | Red | 12 | | 200 |
| 622-1203-304F | Green | | | 250 |
| 622-1303-304F | Yellow | | | 350 |
| 622-1403-304F | Blue | | | 300 |
| 622-1104-304F | Red | 24 | | 200 |
| 622-1204-304F | Green | | | 250 |
| 622-1304-304F | Yellow | | | 350 |
| 622-1404-304F | Blue | | | 300 |

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# 623 Series
## 30 mm Heavy Duty Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- IP66 / IP67
- IK10
- NEMA 4X

### Application

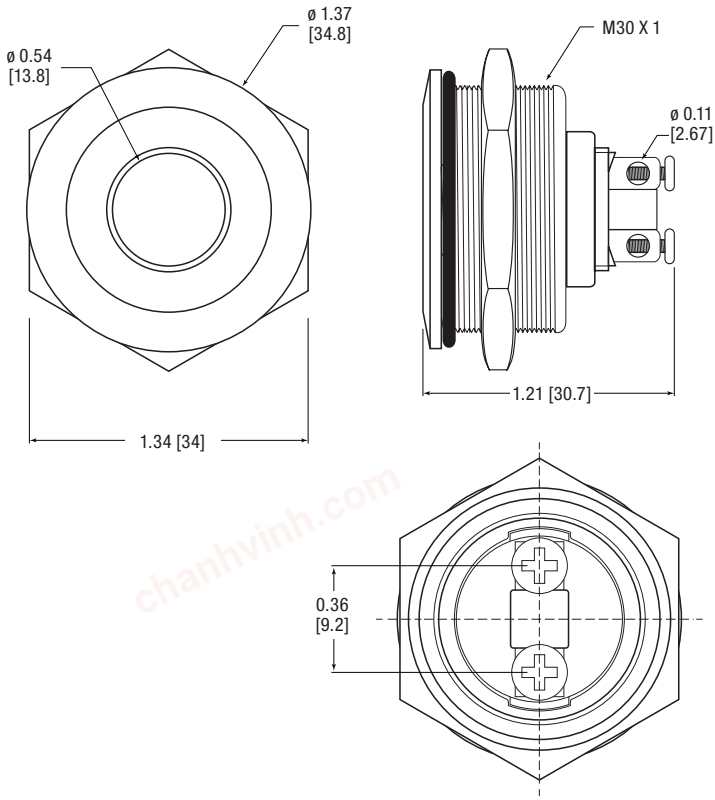
The 623 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

### Dimensions

inches [mm]




*These indicators are un-polarized*

### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 1.18" (30 mm) |
| **Max Panel Thickness:** | 0.394" (10 mm) |
| **Mounting Torque:** | 7.01 lbs-ft (9.5 Nm) |

### Specifications

| | |
|---|---|
| **Operating Voltage:** | 3 VDC (external resistor required)<br>6, 12 & 24 VDC<br>(internal resistor included) |
| **Operating Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Storage Temp:** | -25 °C to +70 °C (-13 °F to 158 °F) |
| **Electrical Connection:** | Screw terminals |
| **Housing:** | Stainless Steel |
| **Nut:** | Stainless Steel |

RoHS COMPLIANT

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## Ordering Information 623 Series

### Part Number Guide

*RoHS Compliant*

| 6 | 2 | 3 | - | 1 | X | X | X | - | 3 | 0 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Color**

| | | |
|---|---|---|
| Red | 1 | 0 |
| Green | 2 | 0 |
| Yellow | 3 | 0 |
| Blue | 4 | 0 |

**Voltage**

| | |
|---|---|
| 1 | 3VDC |
| 2 | 6VDC |
| 3 | 12VDC |
| 4 | 24VDC |

| Dialight P/N | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 623-1101-304F | Red | 3 | 15 | 200 |
| 623-1201-304F | Green | | | 250 |
| 623-1301-304F | Yellow | | | 350 |
| 623-1401-304F | Blue | | | 300 |
| 623-1102-304F | Red | 6 | | 200 |
| 623-1202-304F | Green | | | 250 |
| 623-1302-304F | Yellow | | | 350 |
| 623-1402-304F | Blue | | | 300 |
| 623-1103-304F | Red | 12 | | 200 |
| 623-1203-304F | Green | | | 250 |
| 623-1303-304F | Yellow | | | 350 |
| 623-1403-304F | Blue | | | 300 |
| 623-1104-304F | Red | 24 | | 200 |
| 623-1204-304F | Green | | | 250 |
| 623-1304-304F | Yellow | | | 350 |
| 623-1404-304F | Blue | | | 300 |

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# 630 Series
## 30 mm Panel Mount Indicators



### Certifications & Ratings

- UL 1598 (E156890)
- IP66
- NEMA 4X
- RoHS Compliant w/ 6C exemption
- IK07

### Application

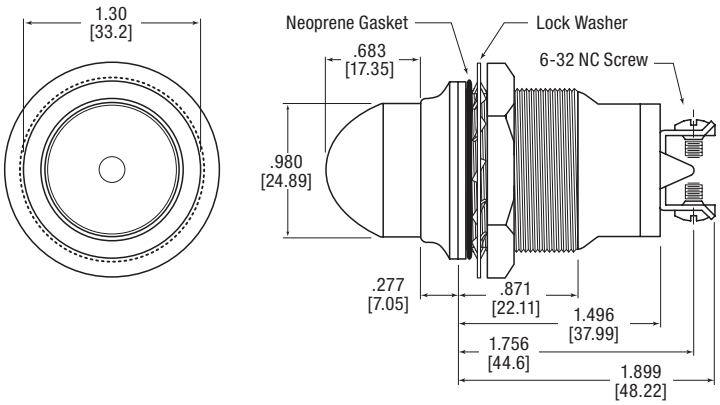
The 630 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

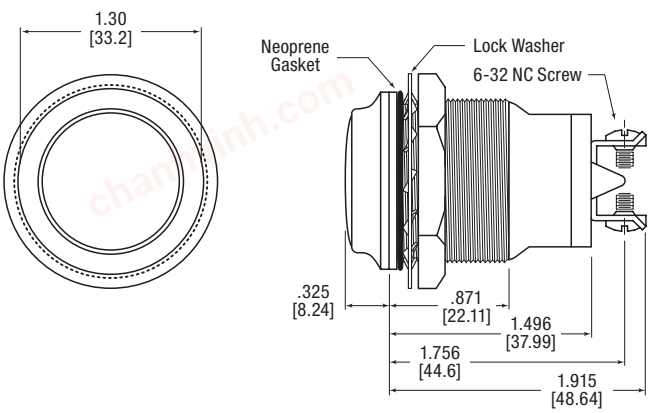
- Instrument panels
- Safety applications
- UL 508 panel applications
- Petrochemical applications
- Environmental Monitoring Equipment specifications
- Pump system controllers
- Mining application
- Oil Refineries
- Agricultural controls
- Power generators

. . . and many more!

### Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 1.18" (30 mm) |
| **Max Panel Thickness:** | Flat: 0.575" (14.6 mm)<br>Dome: 0.375" (9.53 mm) |
| **Mounting Torque:** | 40 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 12 & 24 VDC, and 120 VAC<br>(no resistor required) |
| **Operating Temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 6-32 screw terminals |
| **Housing:** | Brass—White Nickel Plated |
| **Terminals:** | Brass — Hot solder dip<br>per Mil-F-14072D, M258, Type II |
| **Lens Material:** | Transparent Polycarbonate (UL 94-0) |
| **Lock Washer:** | Phosphor Bronze — Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

RoHS COMPLIANT

Dialight

## Ordering Information 630 Series

### Part Number Guide

RoHS Compliant

| 6 | 3 | 0 | - | X | X | X | X | - | 3 | 0 | 4 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| Flat | 1 |
| Domed | 3 |

**Color**

| | | |
|---|---|---|
| White | 0 | 0 |
| Red | 5 | 0 |
| Green | 6 | 0 |
| Yellow | 7 | 0 |
| Blue | 8 | 0 |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |
| 4 | 24 VDC |
| 5 | 120 VAC |

| Dialight P/N | Color | Voltage | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| **Flat Lens** | | | | |
| 630-1003-304F | White | 12 VDC | 60 | 61,000 |
| 630-1503-304F | Red | | 95 | 22,000 |
| 630-1603-304F | Green | | 60 | 41,500 |
| 630-1703-304F | Yellow | | 95 | 13,500 |
| 630-1803-304F | Blue | | 60 | 13,000 |
| 630-1004-304F | White | 24 VDC | 32 | 61,000 |
| 630-1504-304F | Red | | 46 | 22,000 |
| 630-1604-304F | Green | | 32 | 41,500 |
| 630-1704-304F | Yellow | | 95 | 13,500 |
| 630-1804-304F | Blue | | 32 | 13,000 |
| 630-1005-304F | White | 120 VAC | 9.5 | 35,000 |
| 630-1505-304F | Red | | 10.5 | 8,000 |
| 630-1605-304F | Green | | 9.5 | 29,000 |
| 630-1705-304F | Yellow | | 95 | 5,750 |
| 630-1805-304F | Blue | | 9.5 | 7,750 |
| **Domed Lens** | | | | |
| 630-3003-304F | White | 12 VDC | 60 | 17,000 |
| 630-3503-304F | Red | | 95 | 14,000 |
| 630-3603-304F | Green | | 60 | 14,000 |
| 630-3703-304F | Yellow | | 95 | 4,000 |
| 630-3803-304F | Blue | | 60 | 12,000 |
| 630-3004-304F | White | 24 VDC | 32 | 17,000 |
| 630-3504-304F | Red | | 46 | 14,000 |
| 630-3604-304F | Green | | 32 | 14,000 |
| 630-3704-304F | Yellow | | 95 | 4,000 |
| 630-3804-304F | Blue | | 32 | 12,000 |
| 630-3005-304F | White | 120 VAC | 9.5 | 10,250 |
| 630-3505-304F | Red | | 10.5 | 2,500 |
| 630-3605-304F | Green | | 9.5 | 9,500 |
| 630-3705-304F | Yellow | | 95 | 1,750 |
| 630-3805-304F | Blue | | 9.5 | 3,000 |

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# 653 Series
## Snap-in Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

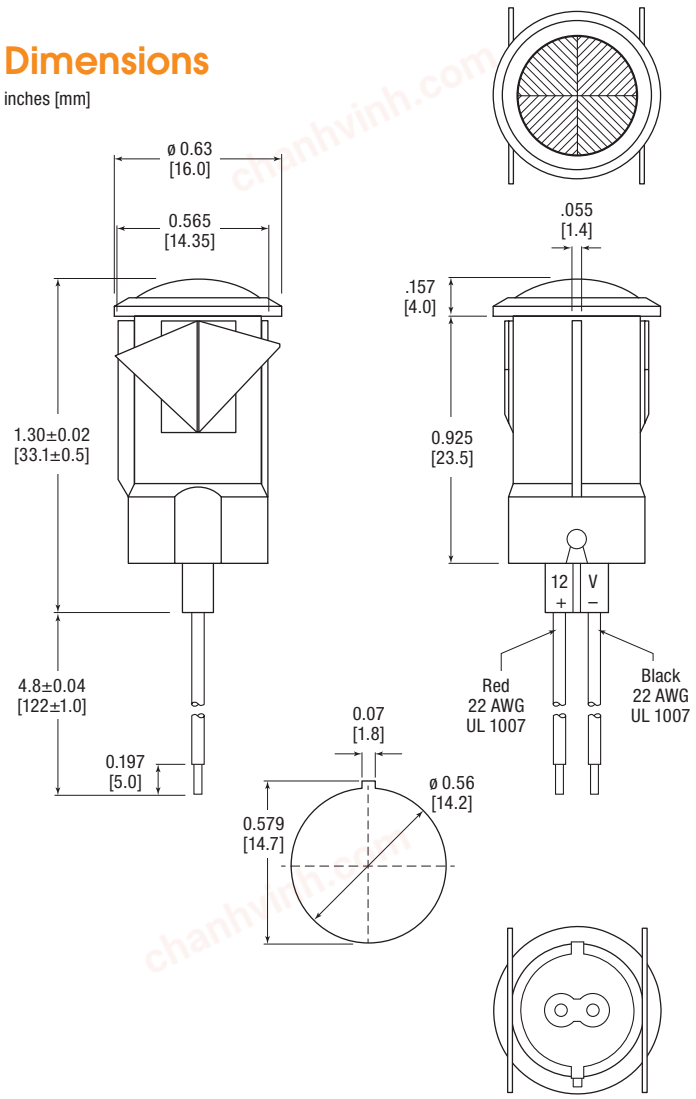
The 653 Series LED Panel Mount Indicators are designed with the unique feature of flexible tabs that allow for mounting to panels of thicknesses ranging from 0.027" (0.7 mm) to 0.138" (3.5 mm). They are ideal for a variety of applications, such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]




## Mechanical Information

**Mounting Hole Size:** 0.579" (14.7 mm)

**Max Panel Thickness:** 0.138" (3.5 mm)

## Specifications

**Voltage Options:** 12 & 24 V DC (no resistor required)

**Operating temp:** -20 °C to +80 °C (-4 °F to +176 °F)

**Storage Temp:** -20 °C to +80 °C (-4 °F to +176 °F)

**Electrical Connection:** 5" wire leads

**Housing:** Polycarbonate

**Wire Leads:** 22 AWG

| Dialight P/N | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 653-1103-103F | Red | 12 | 20 | 845 |
| 653-1203-103F | Green | | | 600 |
| 653-1303-103F | Yellow | | | 465 |
| 653-1403-103F | Blue | | | 390 |
| 653-1104-103F | Red | 24 | | 845 |
| 653-1204-103F | Green | | | 600 |
| 653-1304-103F | Yellow | | | 465 |
| 653-1404-103F | Blue | | | 390 |

RoHS COMPLIANT

Dialight

## Ordering Information 653 Series

### Part Number Guide

RoHS Compliant

| 6 | 5 | 3 | - | X | X | X | X | - | 1 | 0 | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| Flat | 1 |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |
| 4 | 24 VDC |

**Termination**

| | |
|---|---|
| 3 | Wire Leads |

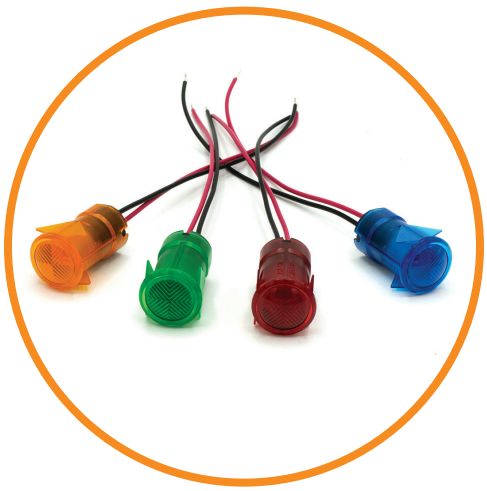
**Color**

| | | |
|---|---|---|
| 1 | 0 | Red |
| 2 | 0 | Green |
| 3 | 0 | Yellow |
| 4 | 0 | Blue |

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# 654 Series
## Snap-in Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

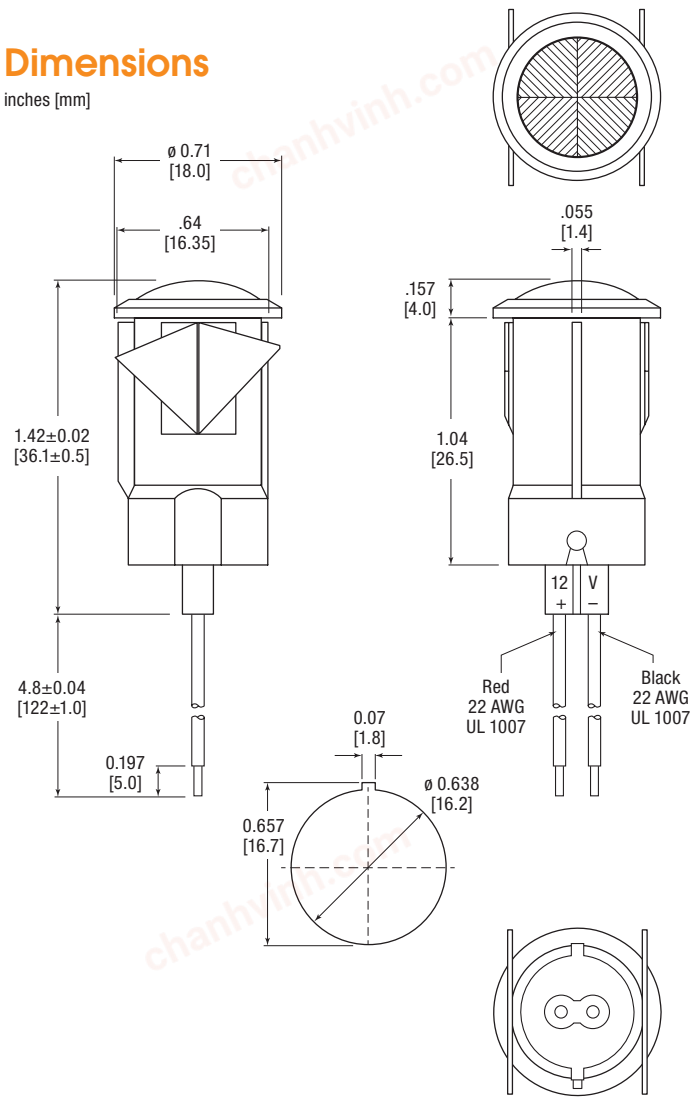
The 654 Series LED Panel Mount Indicators are designed with the unique feature of flexible tabs that allow for mounting to panels of thicknesses ranging from 0.027" (0.7 mm) to 0.138" (3.5 mm). They are ideal for a variety of applications, such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]




## Mechanical Information

**Mounting Hole Size:** 0.657" (16.7 mm)

**Max Panel Thickness:** 0.138" (3.5 mm)

## Specifications

**Voltage Options:** 12 & 24 V DC (no resistor required)

**Operating temp:** -20 °C to +80 °C (-4 °F to +176 °F)

**Storage Temp:** -20 °C to +80 °C (-4 °F to +176 °F)

**Electrical Connection:** 5" wire leads

**Housing:** Polycarbonate

**Wire Leads:** 22 AWG

| Dialight P/N | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| 654-1103-103F | Red | 12 | 20 | 845 |
| 654-1203-103F | Green | | | 600 |
| 654-1303-103F | Yellow | | | 465 |
| 654-1403-103F | Blue | | | 390 |
| 654-1104-103F | Red | 24 | | 845 |
| 654-1204-103F | Green | | | 600 |
| 654-1304-103F | Yellow | | | 465 |
| 654-1404-103F | Blue | | | 390 |

RoHS COMPLIANT

Dialight

## Ordering Information 654 Series

### Part Number Guide

RoHS Compliant

| 6 | 5 | 4 | - | X | X | X | X | - | 1 | 0 | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| 1 | Flat |

**Color**

| | | |
|---|---|---|
| 1 | 0 | Red |
| 2 | 0 | Green |
| 3 | 0 | Yellow |
| 4 | 0 | Blue |

**Voltage**

| | |
|---|---|
| 3 | 12 VDC |
| 4 | 24 VDC |

**Termination**

| | |
|---|---|
| 3 | Wire Leads |

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# 655 Series
## ½" Snap-in Panel Mount Indicators



### Certifications & Ratings
- RoHS compliant

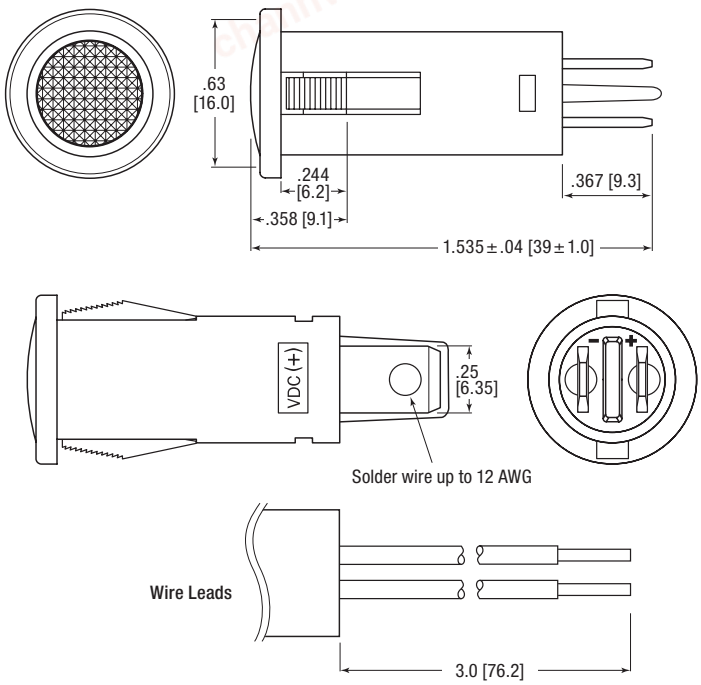
### Application
The 655 Series LED Panel Mount Indicators are designed for a variety of applications such as.

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

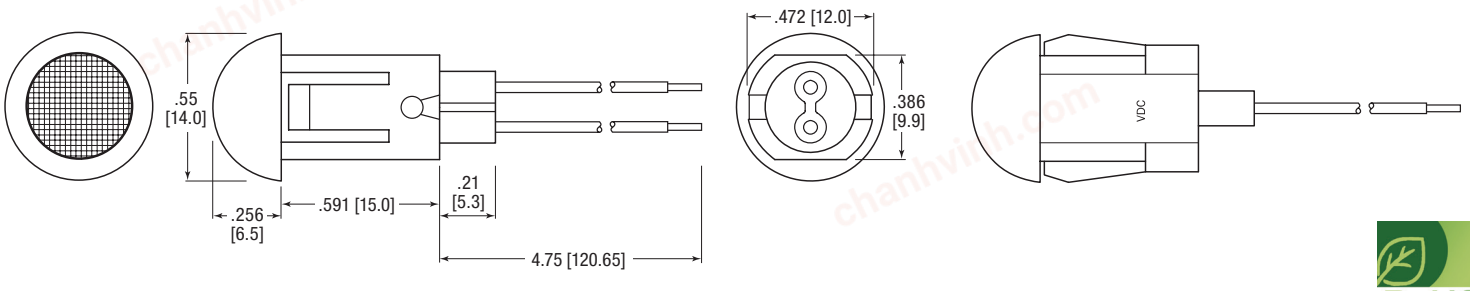
. . . and many more!

## Dimensions
inches [mm]

### Flat Lens




### Domed Lens




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.50" (12.7 mm) |
| **Max Panel Thickness:** | 0.138" (3.5 mm) (Domed Lens); 0.216" (5.5 mm) (Flat Lens) |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 12 & 24 VDC and 120 & 230 VAC (Flat Lens only), no resistor required |
| **Operating temp:** | -20 °C to +85 °C (-4 °F to +185 °F) |
| **Storage Temp:** | -20 °C to +85 °C (-4 °F to +185 °F) |
| **Electrical Connection:** | 250 Faston quick connect terminals (Flat Lens only) or wire leads |
| **Housing:** | Polycarbonate |
| **Terminals:** | Brass—Nickel Plated (Flat Lens only) |
| **Wire Leads:** | 18 AWG (Flat Lens), 26 AWG (Domed Lens) |

RoHS COMPLIANT

Dialight

## Ordering Information 655 Series

| Dialight P/N | | Color | Voltage | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| Wire Leads | Solder Terminals | | | | |
| **Flat Lens** | | | | | |
| 655-1103-103F | 655-1103-104F | Red | 12 VDC | 20 | 270 |
| 655-1203-103F | 655-1203-104F | Green | | | 700 |
| 655-1303-103F | 655-1303-104F | Yellow | | | 200 |
| 655-1403-103F | 655-1403-104F | Blue | | | 100 |
| 655-1104-103F | 655-1104-104F | Red | 24 VDC | | 270 |
| 655-1204-103F | 655-1204-104F | Green | | | 700 |
| 655-1304-103F | 655-1304-104F | Yellow | | | 200 |
| 655-1404-103F | 655-1404-104F | Blue | | | 100 |
| 655-1105-103F | 655-1105-104F | Red | 120 VAC | 5 | 60 |
| 655-1205-103F | 655-1205-104F | Green | | | 110 |
| 655-1305-103F | 655-1305-104F | Yellow | | | 70 |
| 655-1405-103F | 655-1405-104F | Blue | | | 25 |
| 655-1109-103F | 655-1109-104F | Red | 230 VAC | 3 | 60 |
| 655-1209-103F | 655-1209-104F | Green | | | 110 |
| 655-1309-103F | 655-1309-104F | Yellow | | | 70 |
| 655-1409-103F | 655-1409-104F | Blue | | | 25 |
| **Domed Lens** | | | | | |
| 655-2103-103F | NA | Red | 12 VDC | 20 | 3000 |
| 655-2203-103F | NA | Green | | | 2500 |
| 655-2303-103F | NA | Yellow | | | 1500 |
| 655-2403-103F | NA | Blue | | | 700 |
| 655-2104-103F | NA | Red | 24 VDC | | 3000 |
| 655-2204-103F | NA | Green | | | 2500 |
| 655-2304-103F | NA | Yellow | | | 1500 |
| 655-2404-103F | NA | Blue | | | 700 |

### Part Number Guide

RoHS Compliant

6 5 5 - X X X X - 1 0 X F

**Lens Style**
- Flat: 1
- Domed: 2

**Color**

| | | |
|---|---|---|
| Red | 1 | 0 |
| Green | 2 | 0 |
| Yellow | 3 | 0 |
| Blue | 4 | 0 |

**Voltage**
- 3: 12 VDC
- 4: 24 VDC
- 5: 120 VAC
- 9: 230 VAC

(Flat Lens only)

**Termination**
- 3: Wire Leads
- 4: Solder Terminals

(Flat Lens only)

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# 656 Series

## High Intensity LED Panel Mount Indicators



## Certifications & Ratings

- UL1598: wire leads — UL listed; terminals — UL recognized
- NEMA 4X
- IP66/67
- RoHS compliant — w/6C exemption

## Application

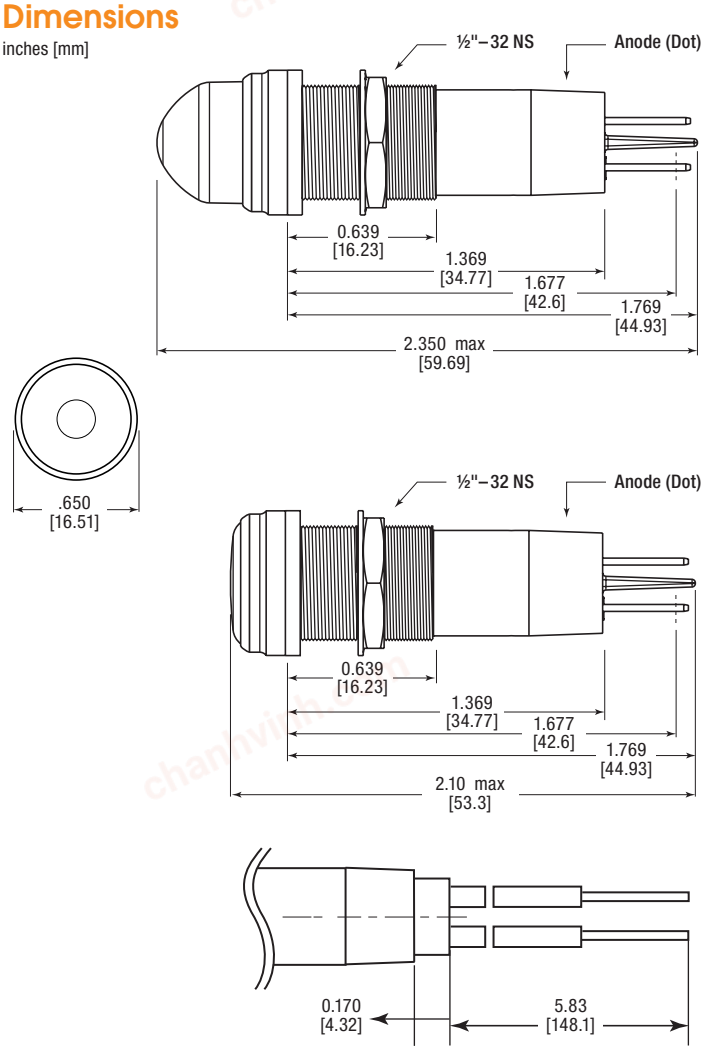
The 656 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Safety Applications
- Instrument Panels
- Vending/Gaming
- Display Lighting
- Transportation — rail, bus, airline

. . . and many more!

## Dimensions

inches [mm]




### Mechanical information

| | |
|---|---|
| **Mounting Hole Size:** | 0.500" (12.7 mm) |
| **Max Panel Thickness:** | 0.450" (11.43 mm) |
| **Mounting Torque:** | 5 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 5 to 125 V DC and 125, 230 V AC (bi-color 5, 12, 24 V DC) (no resistor required) |
| **Operating Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | 110 Faston quick connect terminals or 6" wire leads |
| **Housing:** | Brass—White or Black Nickel Plated |
| **Lens Material:** | Transparent polycarbonate (UL 94V-0) |
| **Wire Leads:** | 18 AWG |
| **Lock Washer:** | Bronze—White or Black Nickel Plated |
| **Nut:** | Brass—White or Black Nickel Plated |

RoHS COMPLIANT

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# Ordering Information
## 656 Series

### Part Number Guide

RoHS Compliant

| 6 | 5 | 6 | - | X | X | X | X | - | X | 0 | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| Flat | 1 |
| Domed | 3 |

**Color**

| | | |
|---|---|---|
| White | 0 | 0 |
| Red | 1 | 0 |
| Green | 2 | 0 |
| Yellow | 3 | 0 |
| Orange | 3 | 5 |
| Blue | 4 | 0 |
| Red Green | 1 | 2 |
| Yellow Green | 3 | 2 |

**Voltage**

| | |
|---|---|
| 2 | 5 VDC |
| 3 | 12 VDC |
| 4 | 24 VDC |
| 6 | 28 VDC * |
| 8 | 37.5 VDC * |
| A | 48 VDC *†◊ |
| 7 | 72 VDC * |
| 5 | 120 VAC/DC *† |
| 9 | 230 VAC *† |

**Plating**

| | |
|---|---|
| 2 | Black |
| 3 | White |

**Termination**

| | |
|---|---|
| 3 | Wires |
| 4 | Blades |

* single color only
† white nickel plating only
◊ wire leads only

## 656 Series—Bi-Color

### Flat Lens

| Part #–with Wire Leads | | Part #–with Blade Terminals | | Color | Voltage (VDC) | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|---|---|
| White Nickel Plating | Black Nickel Plating | White Nickel Plating | Black Nickel Plating | | | | |
| 656-1122-303F | 656-1122-203F | 656-1122-304F | 656-1122-204F | Red Green | 5 | 11 / 8 | 330/910 |
| 656-1322-303F | 656-1322-203F | 656-1322-304F | 656-1322-204F | Yellow Green | | | 320/864 |
| 656-1123-303F | 656-1123-203F | 656-1123-304F | 656-1123-204F | Red Green | 12 | 10 / 9 | 330/910 |
| 656-1323-303F | 656-1323-203F | 656-1323-304F | 656-1323-204F | Yellow Green | | | 320/864 |
| 656-1124-303F | 656-1124-203F | 656-1124-304F | 656-1124-204F | Red Green | 24 | 11 / 10 | 330/910 |
| 656-1324-303F | 656-1324-203F | 656-1324-304F | 656-1324-204F | Yellow Green | | | 320/864 |

### Domed Lens

| Part #–with Wire Leads | | Part #–with Blade Terminals | | Color | Voltage (VDC) | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|---|---|
| White Nickel Plating | Black Nickel Plating | White Nickel Plating | Black Nickel Plating | | | | |
| 656-3122-303F | 656-3122-203F | 656-3122-304F | 656-3122-204F | Red Green | 5 | 11 / 8 | 490/1340 |
| 656-3322-303F | 656-3322-203F | 656-3322-304F | 656-3322-204F | Yellow Green | | | 480/430 |
| 656-3123-303F | 656-3123-203F | 656-3123-304F | 656-3123-204F | Red Green | 12 | 10 / 9 | 490/1340 |
| 656-3323-303F | 656-3323-203F | 656-3323-304F | 656-3323-204F | Yellow Green | | | 480/430 |
| 656-3124-303F | 656-3124-203F | 656-3124-304F | 656-3124-204F | Red Green | 24 | 11 / 10 | 490/1340 |
| 656-3324-303F | 656-3324-203F | 656-3324-304F | 656-3324-204F | Yellow Green | | | 480/430 |

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# Ordering Information

## 656 Series—Single Color

### Flat Lens

| Part #–with Wire Leads | | Part #–with Blade Terminals | | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|---|---|
| White Nickel Plating | Black Nickel Plating | White Nickel Plating | Black Nickel Plating | | | | |
| 656-1002-303F | 656-1002-203F | 656-1002-304F | 656-1002-204F | White | 5 (VDC) | 15 | 1510 |
| 656-1102-303F | 656-1102-203F | 656-1102-304F | 656-1102-204F | Red | | 16 | 1150 |
| 656-1202-303F | 656-1202-203F | 656-1202-304F | 656-1202-204F | Green | | 15 | 1600 |
| 656-1302-303F | 656-1302-203F | 656-1302-304F | 656-1302-204F | Yellow | | 16 | 990 |
| 656-1352-303F | 656-1352-203F | 656-1352-304F | 656-1352-204F | Orange | | 16 | 1800 |
| 656-1402-303F | 656-1402-203F | 656-1402-304F | 656-1402-204F | Blue | | 15 | 237 |
| 656-1003-303F | 656-1003-203F | 656-1003-304F | 656-1003-204F | White | 12 (VDC) | 18 | 1310 |
| 656-1103-303F | 656-1103-203F | 656-1103-304F | 656-1103-204F | Red | | 18 | 1100 |
| 656-1203-303F | 656-1203-203F | 656-1203-304F | 656-1203-204F | Green | | 16 | 1140 |
| 656-1303-303F | 656-1303-203F | 656-1303-304F | 656-1303-204F | Yellow | | 18 | 880 |
| 656-1353-303F | 656-1353-203F | 656-1353-304F | 656-1353-204F | Orange | | 18 | 1800 |
| 656-1403-303F | 656-1403-203F | 656-1403-304F | 656-1403-204F | Blue | | 16 | 290 |
| 656-1004-303F | 656-1004-203F | 656-1004-304F | 656-1004-204F | White | 24 (VDC) | 20 | 1310 |
| 656-1104-303F | 656-1104-203F | 656-1104-304F | 656-1104-204F | Red | | | 1100 |
| 656-1204-303F | 656-1204-203F | 656-1204-304F | 656-1204-204F | Green | | | 1140 |
| 656-1304-303F | 656-1304-203F | 656-1304-304F | 656-1304-204F | Yellow | | | 880 |
| 656-1354-303F | 656-1354-203F | 656-1354-304F | 656-1354-204F | Orange | | | 1800 |
| 656-1404-303F | 656-1404-203F | 656-1404-304F | 656-1404-204F | Blue | | | 290 |
| 656-1006-303F | 656-1006-203F | 656-1006-304F | 656-1006-204F | White | 28 (VDC) | 19 | 1310 |
| 656-1106-303F | 656-1106-203F | 656-1106-304F | 656-1106-204F | Red | | 19 | 1100 |
| 656-1206-303F | 656-1206-203F | 656-1206-304F | 656-1206-204F | Green | | 18 | 1140 |
| 656-1306-303F | 656-1306-203F | 656-1306-304F | 656-1306-204F | Yellow | | 19 | 880 |
| 656-1356-303F | 656-1356-203F | 656-1356-304F | 656-1356-204F | Orange | | 19 | 1800 |
| 656-1406-303F | 656-1406-203F | 656-1406-304F | 656-1406-204F | Blue | | 18 | 290 |
| 656-1008-303F | 656-1008-203F | 656-1008-304F | 656-1008-204F | White | 37.5 (VDC) | 8.5 | 400 |
| 656-1108-303F | 656-1108-203F | 656-1108-304F | 656-1108-204F | Red | | | 230 |
| 656-1208-303F | 656-1208-203F | 656-1208-304F | 656-1208-204F | Green | | | 450 |
| 656-1308-303F | 656-1308-203F | 656-1308-304F | 656-1308-204F | Yellow | | | 190 |
| 656-1358-303F | 656-1358-203F | 656-1358-304F | 656-1358-204F | Orange | | | 835 |
| 656-1408-303F | 656-1408-203F | 656-1408-304F | 656-1408-204F | Blue | | | 100 |
| 656-110A-303F | — | 656-110A-304F | — | Red | 48 (VDC) | 10 | 230 |
| 656-120A-303F | — | 656-120A-304F | — | Green | | | 450 |
| 656-130A-303F | — | 656-130A-304F | — | Yellow | | | 190 |
| 656-1007-303F | 656-1007-203F | 656-1007-304F | 656-1007-204F | White | 72 (VDC) | 8.5 | 400 |
| 656-1107-303F | 656-1107-203F | 656-1107-304F | 656-1107-204F | Red | | | 230 |
| 656-1207-303F | 656-1207-203F | 656-1207-304F | 656-1207-204F | Green | | | 450 |
| 656-1307-303F | 656-1307-203F | 656-1307-304F | 656-1307-204F | Yellow | | | 190 |
| 656-1357-303F | 656-1357-203F | 656-1357-304F | 656-1357-204F | Orange | | | 835 |
| 656-1407-303F | 656-1407-203F | 656-1407-304F | 656-1407-204F | Blue | | | 100 |
| 656-1005-303F | — | 656-1005-304F | — | White | 120 (VAC/VDC) | 5 | 400 |
| 656-1105-303F | — | 656-1105-304F | — | Red | | | 230 |
| 656-1205-303F | — | 656-1205-304F | — | Green | | | 450 |
| 656-1305-303F | — | 656-1305-304F | — | Yellow | | | 190 |
| 656-1355-303F | — | 656-1355-304F | — | Orange | | | 260 |
| 656-1405-303F | — | 656-1405-304F | — | Blue | | | 100 |
| 656-1009-303F | — | 656-1009-304F | — | White | 230 (VAC) | 3 | 400 |
| 656-1109-303F | — | 656-1109-304F | — | Red | | | 230 |
| 656-1209-303F | — | 656-1209-304F | — | Green | | | 450 |
| 656-1309-303F | — | 656-1309-304F | — | Yellow | | | 190 |
| 656-1359-303F | — | 656-1359-304F | — | Orange | | | 260 |
| 656-1409-303F | — | 656-1409-304F | — | Blue | | | 100 |

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## Domed Lens

| Part #–with Wire Leads | | Part #–with Blade Terminals | | Color | Voltage | Typ Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|---|---|
| White Nickel Plating | Black Nickel Plating | White Nickel Plating | Black Nickel Plating | | | | |
| 656-3002-303F | 656-3002-203F | 656-3002-304F | 656-3002-204F | White | 5 (VDC) | 15 | 3080 |
| 656-3102-303F | 656-3102-203F | 656-3102-304F | 656-3102-204F | Red | | 16 | 2200 |
| 656-3202-303F | 656-3202-203F | 656-3202-304F | 656-3202-204F | Green | | 15 | 2880 |
| 656-3302-303F | 656-3302-203F | 656-3302-304F | 656-3302-204F | Yellow | | 16 | 1960 |
| 656-3352-303F | 656-3352-203F | 656-3352-304F | 656-3352-204F | Orange | | 16 | 4400 |
| 656-3402-303F | 656-3402-203F | 656-3402-304F | 656-3402-204F | Blue | | 15 | 600 |
| 656-3003-303F | 656-3003-203F | 656-3003-304F | 656-3003-204F | White | 12 (VDC) | 18 | 2340 |
| 656-3103-303F | 656-3103-203F | 656-3103-304F | 656-3103-204F | Red | | 18 | 2000 |
| 656-3203-303F | 656-3203-203F | 656-3203-304F | 656-3203-204F | Green | | 16 | 2110 |
| 656-3303-303F | 656-3303-203F | 656-3304-304F | 656-3303-204F | Yellow | | 18 | 1080 |
| 656-3353-303F | 656-3353-203F | 656-3353-304F | 656-3353-204F | Orange | | 18 | 4400 |
| 656-3403-303F | 656-3403-203F | 656-3403-304F | 656-3403-204F | Blue | | 16 | 640 |
| 656-3004-303F | 656-3004-203F | 656-3004-304F | 656-3004-204F | White | 24 (VDC) | 20 | 2340 |
| 656-3104-303F | 656-3104-203F | 656-3104-304F | 656-3104-204F | Red | | | 2000 |
| 656-3204-303F | 656-3204-203F | 656-3204-304F | 656-3204-204F | Green | | | 2110 |
| 656-3304-303F | 656-3304-203F | 656-3304-304F | 656-3304-204F | Yellow | | | 1080 |
| 656-3354-303F | 656-3354-203F | 656-3354-304F | 656-3354-204F | Orange | | | 4400 |
| 656-3404-303F | 656-3404-203F | 656-3404-304F | 656-3404-204F | Blue | | | 640 |
| 656-3006-303F | 656-3006-203F | 656-3006-304F | 656-3006-204F | White | 28 (VDC) | 19 | 2340 |
| 656-3106-303F | 656-3106-203F | 656-3106-304F | 656-3106-204F | Red | | 19 | 2000 |
| 656-3206-303F | 656-3206-203F | 656-3206-304F | 656-3206-204F | Green | | 18 | 2110 |
| 656-3306-303F | 656-3306-203F | 656-3306-304F | 656-3306-204F | Yellow | | 19 | 1080 |
| 656-3356-303F | 656-3356-203F | 656-3356-304F | 656-3356-204F | Orange | | 19 | 4400 |
| 656-3406-303F | 656-3406-203F | 656-3406-304F | 656-3406-204F | Blue | | 18 | 640 |
| 656-3008-303F | 656-3008-203F | 656-3008-304F | 656-3008-204F | White | 37.5 (VDC) | | 660 |
| 656-3108-303F | 656-3108-203F | 656-3108-304F | 656-3108-204F | Red | | | 410 |
| 656-3208-303F | 656-3208-203F | 656-3208-304F | 656-3208-204F | Green | | | 800 |
| 656-3308-303F | 656-3308-203F | 656-3308-304F | 656-3308-204F | Yellow | | | 390 |
| 656-3358-303F | 656-3358-203F | 656-3358-304F | 656-3358-204F | Orange | | | 2000 |
| 656-3408-303F | 656-3408-203F | 656-3408-304F | 656-3408-204F | Blue | | | 220 |
| 656-310A-303F | — | 656-310A-304F | — | Red | 48 (VDC) | 10 | 410 |
| 656-320A-303F | — | 656-320A-304F | — | Green | | | 800 |
| 656-330A-303F | — | 656-330A-304F | — | Yellow | | | 390 |
| 656-3007-303F | 656-3007-203F | 656-3007-304F | 656-3007-204F | White | 72 (VDC) | | 660 |
| 656-3107-303F | 656-3107-203F | 656-3107-304F | 656-3107-204F | Red | | | 410 |
| 656-3207-303F | 656-3207-203F | 656-3207-304F | 656-3207-204F | Green | | | 800 |
| 656-3307-303F | 656-3307-203F | 656-3307-304F | 656-3307-204F | Yellow | | | 390 |
| 656-3357-303F | 656-3357-203F | 656-3357-304F | 656-3357-204F | Orange | | | 2000 |
| 656-3407-303F | 656-3407-203F | 656-3407-304F | 656-3407-204F | Blue | | | 220 |
| 656-3005-303F | — | 656-3005-304F | — | White | 120 (VAC/ VDC) | 5 | 660 |
| 656-3105-303F | — | 656-3105-304F | — | Red | | | 410 |
| 656-3205-303F | — | 656-3205-304F | — | Green | | | 800 |
| 656-3305-303F | — | 656-3305-304F | — | Yellow | | | 390 |
| 656-3355-303F | — | 656-3355-304F | — | Orange | | | 610 |
| 656-3405-303F | — | 656-3405-304F | — | Blue | | | 220 |
| 656-3009-303F | — | 656-3009-304F | — | White | 230 (VAC) | 3 | 660 |
| 656-3109-303F | — | 656-3109-304F | — | Red | | | 410 |
| 656-3209-303F | — | 656-3209-304F | — | Green | | | 800 |
| 656-3309-303F | — | 656-3309-304F | — | Yellow | | | 390 |
| 656-3359-303F | — | 656-3359-304F | — | Orange | | | 610 |
| 656-3409-303F | — | 656-3409-304F | — | Blue | | | 220 |

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# 657 Series

## Watertight Series Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

## Application

The 657 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

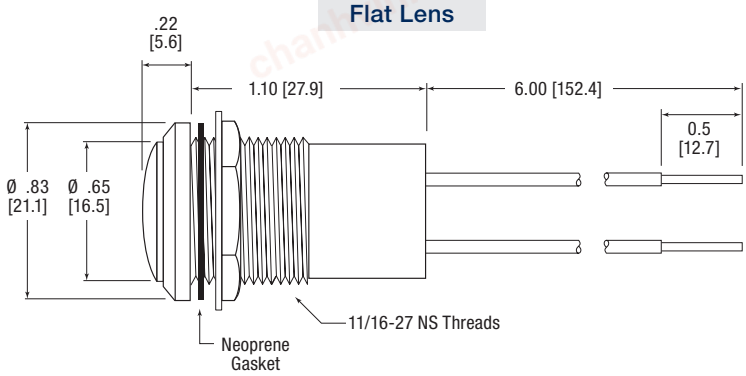
- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

. . . and many more!

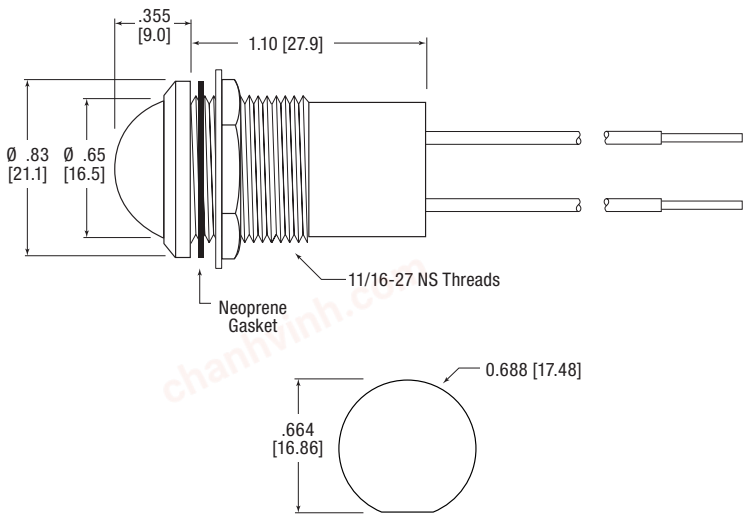
## Dimensions

inches [mm]

**Flat Lens**




**Domed Lens**




Recommended Mounting Hole

## Mechanical Information

**Mounting Hole Size:** 0.687" (17.46 mm)

**Max Panel Thickness:** 0.350" (8.89 mm)

**Mounting Torque:** 15 in-lbs

## Specifications

| | |
|---|---|
| **Voltage Options:** | 5, 12, & 24 V DC<br>(no resistor required) |
| **Operating Temp:** | -35 °C to +65 °C<br>(-31 °F to +149 °F) |
| **Storage Temp:** | -40 °C to +100 °C<br>(-40 °F to +212 °F) |
| **Electrical Connection:** | 18 *AWG* anti-capillary wire |
| **Housing:** | Polycarbonate (UL 94V-0) |
| **Lens Material:** | Polycarbonate (UL 94V-0) |
| **Wire Leads:** | 6" |
| **Lock Washer:** | White Nickel Plated Bronze |
| **Nut:** | White Nickel Plated Brass |

RoHS COMPLIANT

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# Ordering Information 657 Series

## Flat

| Part Number 5 VDC | Part Number 12 VDC | Part Number 24 VDC | LED Color | Curr. (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| **White Diffused Lens** | | | | | |
| 657-1002-303F | 657-1003-303F | 657-1004-303F | White | 20 | 150 |
| 657-1502-303F | 657-1503-303F | 657-1504-303F | Red | | 150 |
| 657-1602-303F | 657-1603-303F | 657-1604-303F | Green | | 160 |
| 657-1702-303F | 657-1703-303F | 657-1704-303F | Yellow | | 100 |
| 657-1802-303F | 657-1803-303F | 657-1804-303F | Blue | | 75 |
| 657-1902-303F | 657-1903-303F | 657-1904-303F | Orange | | 150 |
| **Tinted Diffused Lens** | | | | | |
| 657-1502-103F | 657-1503-103F | 657-1504-103F | Red | 20 | 650 |
| 657-1602-103F | 657-1603-103F | 657-1604-103F | Green | | 1150 |
| 657-1702-103F | 657-1703-103F | 657-1704-103F | Yellow | | 550 |
| 657-1802-103F | 657-1803-103F | 657-1804-103F | Blue | | 200 |
| 657-1902-103F | 657-1903-103F | 657-1904-103F | Orange | | 700 |

## Domed

| Part Number 5 VDC | Part Number 12 VDC | Part Number 24 VDC | LED Color | Curr. (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| **White Diffused Lens** | | | | | |
| 657-2002-303F | 657-2003-303F | 657-2004-303F | White | 20 | 85 |
| 657-2502-303F | 657-2503-303F | 657-2504-303F | Red | | 115 |
| 657-2602-303F | 657-2603-303F | 657-2604-303F | Green | | 150 |
| 657-2702-303F | 657-2703-303F | 657-2704-303F | Yellow | | 115 |
| 657-2802-303F | 657-2803-303F | 657-2804-303F | Blue | | 70 |
| 657-2902-303F | 657-2903-303F | 657-2904-303F | Orange | | 100 |
| **Tinted Diffused Lens** | | | | | |
| 657-2502-103F | 657-2503-103F | 657-2504-103F | Red | 20 | 900 |
| 657-2602-103F | 657-2603-103F | 657-2604-103F | Green | | 1600 |
| 657-2702-103F | 657-2703-103F | 657-2704-103F | Yellow | | 1250 |
| 657-2802-103F | 657-2803-103F | 657-2804-103F | Blue | | 250 |
| 657-2902-103F | 657-2903-103F | 657-2904-103F | Orange | | 1500 |

## Part Number Guide

RoHS Compliant

6 5 7 - X X X X - X 0 3 F

**Lens Style**

| | |
|---|---|
| Flat | 1 |
| Domed | 2 |

**LED Color**

| | | |
|---|---|---|
| White | 0 | 0 |
| Red | 5 | 0 |
| Green | 6 | 0 |
| Yellow | 7 | 0 |
| Blue | 8 | 0 |
| Orange | 9 | 0 |

**Voltage**

| | |
|---|---|
| 5 VDC | 2 |
| 12 VDC | 3 |
| 24 VDC | 4 |

**Lens Color**

| | |
|---|---|
| Tinted Diffused* | 1 |
| White Diffused | 3 |

* will be same as LED color

Dialight

# 657 Bi- and Tri-Color Series

## Watertight Series Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

## Application

The 657 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

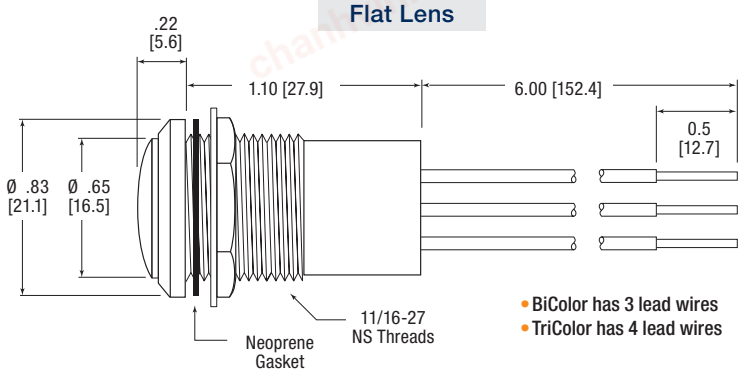
- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

. . . and many more!

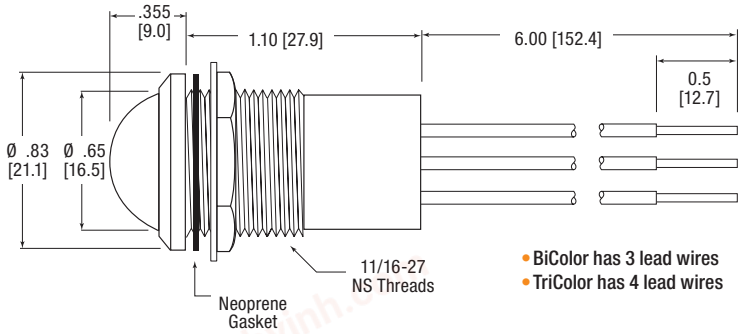
## Dimensions

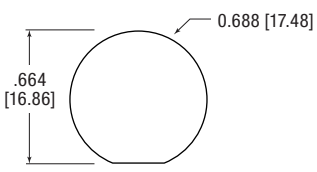
inches [mm]

### Flat Lens




### Domed Lens




Recommended Mounting Hole

## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.687" (17.46 mm) |
| **Max Panel Thickness:** | 0.350" (8.89 mm) |
| **Mounting Torque:** | 15 in-lbs |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 10-30 VDC (no resistor required) |
| **Operating Temp:** | -40 °C to +85 °C<br>(-40 °F to +185°F) |
| **Storage Temp:** | -40 °C to +100 °C<br>(-40 °F to +212 °F) |
| **Electrical Connection:** | 18 AWG anti-capillary wire, Common Cathode |
| **Housing:** | Polycarbonate (UL 94V-0) |
| **Lens Material:** | Polycarbonate (UL 94V-0) |
| **Wire Leads:** | 6" — Wire color is the same color as LED color; Black wire is common ground |
| **Lock Washer:** | White Nickel Plated Bronze |
| **Nut:** | White Nickel Plated Brass |

RoHS COMPLIANT

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## Ordering Information 657 Series

### Flat

| Part Number | LED Color | Lens Color | Typ. IF (mA) | Typ. VF (VDC) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 657-1415-303F | Red | White Diffused | 20 | 10–30 | 270 |
| | Green | | | | 515 |
| 657-1425-303F | Red | | | | 270 |
| | Blue | | | | 90 |
| 657-1435-303F | Green | | | | 515 |
| | Yellow | | | | 310 |
| 657-1455-303F | Red | | | | 270 |
| | Yellow | | | | 310 |
| 657-1465-303F | Green | | | | 515 |
| | Blue | | | | 90 |
| 657-1485-303F | Red | | | | 270 |
| | Green | | | | 515 |
| | Blue | | | | 90 |
| 657-1495-303F | Red | | | | 270 |
| | Green | | | | 515 |
| | Yellow | | | | 310 |

### Domed

| Part Number | LED Color | Lens Color | Typ. IF (mA) | Typ. VF (VDC) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 657-2415-303F | Red | White Diffused | 20 | 10–30 | 255 |
| | Green | | | | 500 |
| 657-2425-303F | Red | | | | 255 |
| | Blue | | | | 90 |
| 657-2435-303F | Green | | | | 500 |
| | Yellow | | | | 260 |
| 657-2455-303F | Red | | | | 255 |
| | Yellow | | | | 260 |
| 657-2465-303F | Green | | | | 500 |
| | Blue | | | | 90 |
| 657-2485-303F | Red | | | | 255 |
| | Green | | | | 500 |
| | Blue | | | | 90 |
| 657-2495-303F | Red | | | | 255 |
| | Green | | | | 500 |
| | Yellow | | | | 260 |

### Part Number Guide

RoHS Compliant

| 6 | 5 | 7 | - | X | X | X | 5 | - | 3 | 0 | 3 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | | LED Color | | Voltage | | Lens Color | |
|---|---|---|---|---|---|---|---|
| Flat | 1 | Red | 4 | 1 | 5 | 10–30 VDC | 3 | White Diffused |
| Domed | 2 | Green | | | | | | |
| | | Red / Blue | 4 | 2 | | | | |
| | | Green / Yellow | 4 | 3 | | | | |
| | | Red / Yellow | 4 | 5 | | | | |
| | | Green / Blue | 4 | 6 | | | | |
| | | Red / Green / Blue | 4 | 8 | | | | |
| | | Red / Green / Yellow | 4 | 9 | | | | |

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# 657 Series

## Watertight Right Angle Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

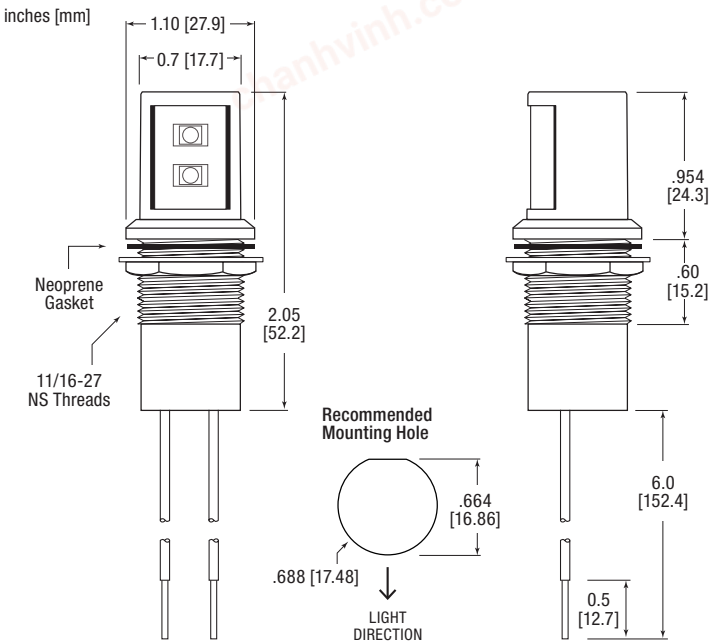
## Application

The 657 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

- Instrument Panels
- Gauge
- Dash Boards
- Storage Compartments
- Control Panels

. . . and many more!

## Dimensions




## Mechanical Information

**Mounting Hole Size:** 0.687" (17.46 mm)

**Max Panel Thickness:** 0.350" (8.89 mm)

**Mounting Torque:** 15 in-lbs

## Specifications

**Voltage Options:** 12–32 V DC (no resistor required)

**Operating Temp:** -35 °C to +65 °C (-31 °F to +149 °F)

**Storage Temp:** -40 °C to +100 °C (-40 °F to +212 °F)

**Electrical Connection:** 18 AWG anti-capillary wire

**Housing:** Polycarbonate (UL 94V-0)

**Lens Material:** Transparent polycarbonate (UL 94V-0)

**Wire Leads:** 6"

**Lock Washer:** White Nickel Plated Bronze

**Nut:** White Nickel Plated Brass

## Ordering Information 657 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|
| 657-3009-213F | ○ Cool White | 12–32 | 24 | 2700 |
| 657-3009-804F | ● Red | | | 1850 |
| 657-3009-803F | ● Green | | | 2600 |
| 657-3009-808F | ● Orange | | | 3500 |
| 657-3009-806F | ● Blue | | | 600 |

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# 658 Bi- and Tri-Color Series

## Watertight Series Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

### Application

The 658 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

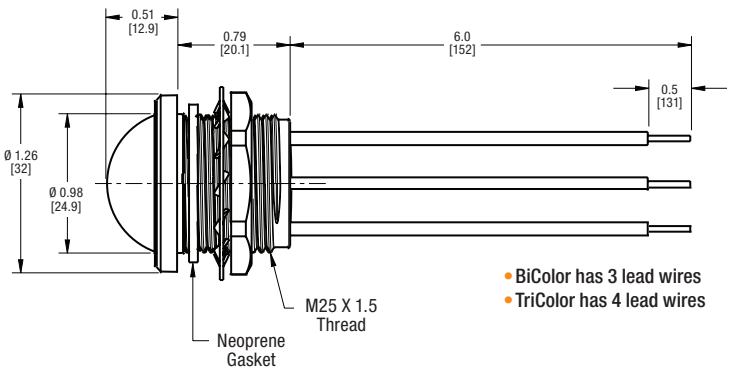
- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

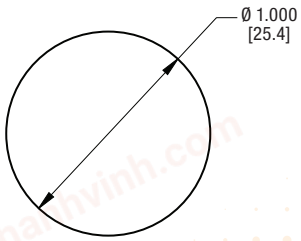
. . . and many more!

### Dimensions

inches [mm]

**Domed Lens**




Recommended Mounting Hole

### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 1.000" (25.40 mm) |
| **Max Panel Thickness:** | 0.350" (8.89 mm) |
| **Mounting Torque:** | 15 in-lbs |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 12-30 VDC (no resistor required) |
| **Operating Temp:** | -40 °C to +85 °C<br>(-40 °F to +185°F) |
| **Storage Temp:** | -40 °C to +100 °C<br>(-40 °F to +212 °F) |
| **Electrical Connection:** | 18 AWG anti-capillary wire ,<br>Common Cathode |
| **Housing:** | Polycarbonate (UL 94V-0) |
| **Lens Material:** | Polycarbonate (UL 94V-0) |
| **Wire Leads:** | 6" — Wire color is the same color as LED color; Black wire is common ground |
| **Lock Washer:** | White Nickel Plated Bronze |
| **Nut:** | White Nickel Plated Brass |

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## Ordering Information 658 Series

### Part Number Guide

RoHS Compliant

| 6 | 5 | 8 | - | X | X | X | 5 | - | 3 | 0 | 3 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Lens Style**

| | |
|---|---|
| Domed | 2 |

**LED Color**

| | | |
|---|---|---|
| Red | 4 | 1 |
| Green | | |
| Red | 4 | 2 |
| Blue | | |
| Green | 4 | 3 |
| Yellow | | |
| Red | 4 | 5 |
| Yellow | | |
| Green | 4 | 6 |
| Blue | | |
| Red | 4 | 8 |
| Green | | |
| Blue | | |
| Red | 4 | 9 |
| Green | | |
| Yellow | | |

**Voltage**

| | |
|---|---|
| 5 | 12–30 VDC |

**Lens Color**

| | |
|---|---|
| 3 | White Diffused |

### Domed

| Part Number | LED Color | Lens Color | Typ. IF (mA) | Typ. VF (VDC) | Typical Intensity (mcd) |
|---|---|---|---|---|---|
| 658-2415-303F | Red | White Diffused | 20 | 12–30 | 1000 |
| | Green | | | | 2100 |
| 658-2425-303F | Red | | | | 1000 |
| | Blue | | | | 400 |
| 658-2435-303F | Green | | | | 2100 |
| | Yellow | | | | 1000 |
| 658-2455-303F | Red | | | | 1000 |
| | Yellow | | | | 1000 |
| 658-2465-303F | Green | | | | 2100 |
| | Blue | | | | 400 |
| 658-2485-303F | Red | | | | 1000 |
| | Green | | | | 2100 |
| | Blue | | | | 400 |
| 658-2495-303F | Red | | | | 1000 |
| | Green | | | | 2100 |
| | Yellow | | | | 1000 |

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# 675 Series

## 5 mm High Intensity Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

The 675 Series LED Panel Mount Indicators are designed for a variety of applications such as:

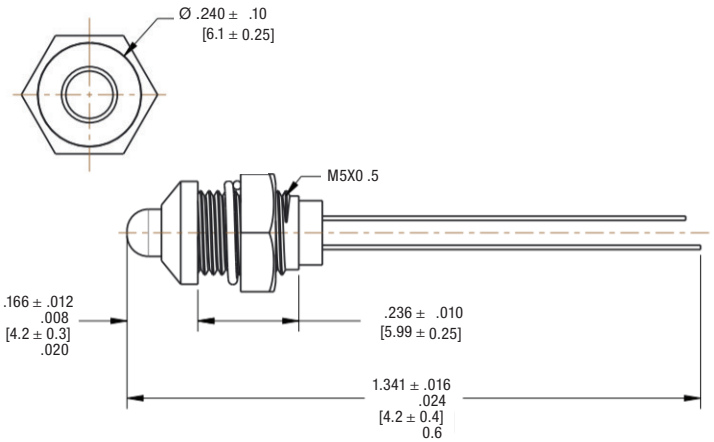
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

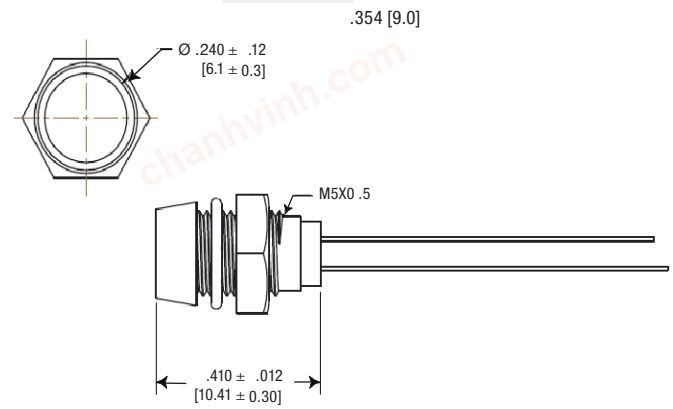
## Dimensions

inches [mm]

### Protruding




### Recessed




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.205" (5.2 mm) |
| **Max Panel Thickness:** | 0.138" (3.5 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 2 (red, orange) and 3.3 (green, blue, white) VDC (resistor required on both voltages) |
| **Operating temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Through hole leads |
| **Housing:** | Brass—Chrome plated |
| **Terminals:** | Copper—Nickel Plated |
| **Lock washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

RoHS COMPLIANT

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# Ordering Information 675 Series

## Part Number Guide

*RoHS Compliant*

| 6 | 7 | 5 | - | X | X | 1 | 1 | - | 1 | 1 | 0 | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**LED Position**

| | |
|---|---|
| *Protruding* | 1 |
| *Recessed* | 2 |

**Color**

| | |
|---|---|
| 1 | *Red* |
| 2 | *Green* |
| 3 | *Orange* |
| 4 | *Blue* |
| 5 | *White* |

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) |
|---|---|---|---|---|
| **Protruding** | | | | |
| 675-1111-110F | Red | 2 | 20 | 9110 |
| 675-1211-110F | Green | 3.3 | | 11380 |
| 675-1311-110F | Orange | 2 | | 9110 |
| 675-1411-110F | Blue | 3.3 | | 2810 |
| 675-1511-110F | White | 3.3 | | 5100 |
| **Recessed** | | | | |
| 675-2111-110F | Red | 2 | 20 | 5650 |
| 675-2211-110F | Green | 3.3 | | 11520 |
| 675-2311-110F | Orange | 2 | | 7810 |
| 675-2411-110F | Blue | 3.3 | | 3810 |
| 675-2511-110F | White | 3.3 | | 6220 |

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# 676 Series

## 6 mm High Intensity Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant

### Application

The 676 Series LED Panel Mount Indicators are designed for a variety of applications such as:

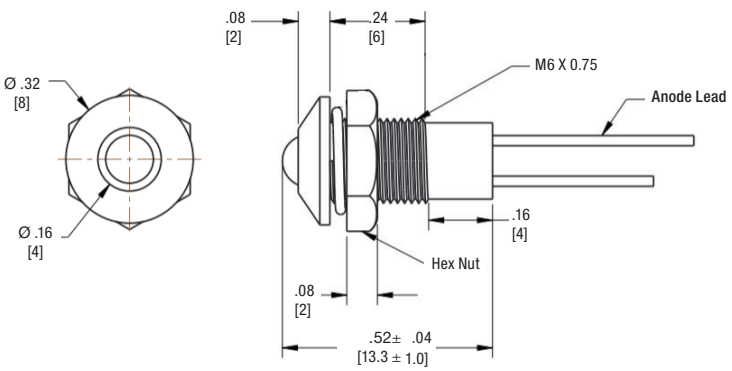
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

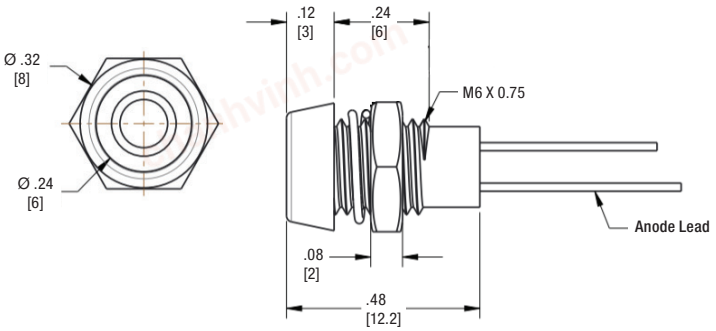
## Dimensions

inches [mm]

**Protruding**




**Recessed**




### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.244" (6.2 mm) |
| **Max Panel Thickness:** | 0.138" (3.5 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 2 (red, orange) and 3.3 (green, blue, white) VDC (resistor required on both voltages) |
| **Operating temp:** | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Through hole leads |
| **Housing:** | Brass — Chrome Plated |
| **Terminals:** | Copper — Nickel Plated |
| **Lock washer:** | Iron — Nickel Plated |
| **Nut:** | Brass — Nickel Plated |

RoHS COMPLIANT

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## Ordering Information 676 Series

| Part Number | Color | Voltage (V DC) | Current (mA) | Typical Intensity* (mcd) |
|---|---|---|---|---|
| **Protruding** | | | | |
| 676-1111-110F | Red | 2 | 20 | 7720 |
| 676-1211-110F | Green | 3.3 | | 10100 |
| 676-1311-110F | Orange | 2 | | 7810 |
| 676-1411-110F | Blue | 3.3 | | 2980 |
| 676-1511-110F | White | 3.3 | | 6150 |
| **Recessed** | | | | |
| 676-2111-110F | Red | 2 | 20 | 5650 |
| 676-2211-110F | Green | 3.3 | | 11520 |
| 676-2311-110F | Orange | 2 | | 7810 |
| 676-2411-110F | Blue | 3.3 | | 3810 |
| 676-2511-110F | White | 3.3 | | 6220 |

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# 677 Series
## 7 mm High Intensity Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant
- NEMA 4X (with gasket)
- IP66 (with gasket)

## Application

The 677 Series LED Panel Mount Indicators are designed for a variety of applications such as:

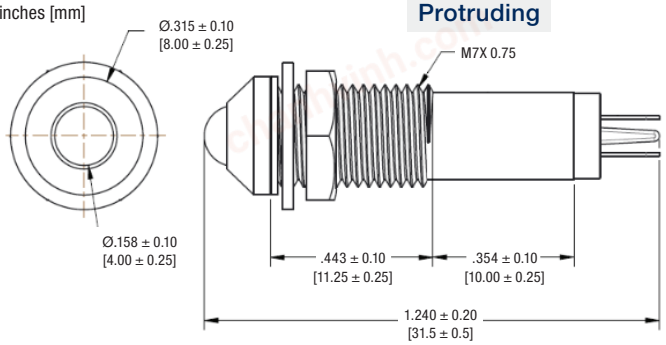
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

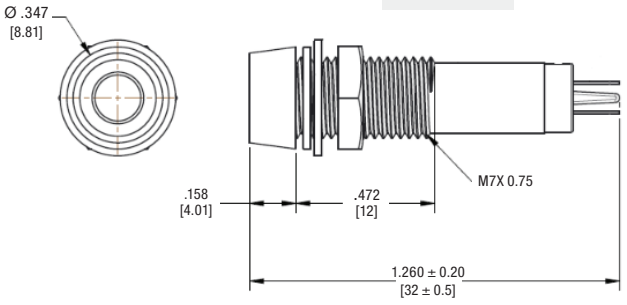
## Dimensions

inches [mm]

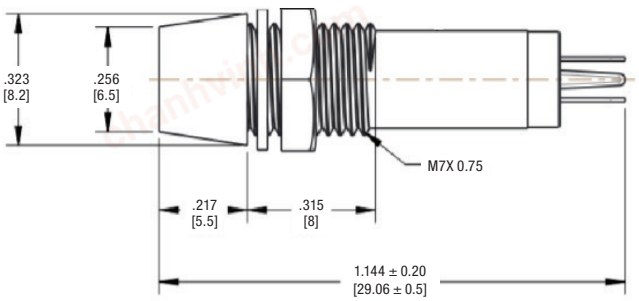
**Protruding**




**Recessed**




**Internal**




*These indicators are un-polarized*

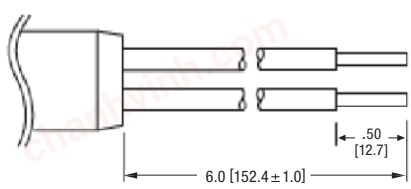
## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.283" (7.2 mm) |
| **Max Panel Thickness:** | See part numbers |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm)<br>0.217 lbs/ft or 3 kg/cm (Figure 3) |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 6, 12 & 24 VDC (no resistor required) |
| **Operating Temp:** | -20 °C to +75 °C (-4 °F to +167 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Solder terminals and 6" wire leads |
| **Housing:** | Protruding position:<br>Brass—Chrome or Black Plated<br>Recessed position:<br>Brass—Chrome Plated<br>Internal position: Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

**6" Wire Leads**




RoHS COMPLIANT

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# Ordering Information 677 Series

## Protruding Lens

| Chrome Plated Brass Housing | | Black Plated Brass Housing | | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness |
|---|---|---|---|---|---|---|---|---|
| Terminals | Wire Leads | Terminals | Wire Leads | | | | | |
| 677-1112-321F | 677-1115-321F | 677-1122-321F | 677-1125-321F | Red | 6 | 15 | 825 | 0.265" (6.75 mm) |
| 677-1212-322F | 677-1215-322F | 677-1222-322F | 677-1225-322F | Green | | | 4135 | |
| 677-1312-323F | 677-1315-323F | 677-1322-323F | 677-1325-323F | Orange | | | 560 | |
| 677-1412-324F | 677-1415-324F | 677-1422-324F | 677-1425-324F | Blue | | | 700 | |
| 677-1112-331F | 677-1115-331F | 677-1122-331F | 677-1125-331F | Red | 12 | | 825 | |
| 677-1212-332F | 677-1215-332F | 677-1222-332F | 677-1225-332F | Green | | | 4135 | |
| 677-1312-333F | 677-1315-333F | 677-1322-333F | 677-1325-333F | Orange | | | 560 | |
| 677-1412-334F | 677-1415-334F | 677-1422-334F | 677-1425-334F | Blue | | | 700 | |
| 677-1112-341F | 677-1115-341F | 677-1122-341F | 677-1125-341F | Red | 24 | | 825 | |
| 677-1212-342F | 677-1215-342F | 677-1222-342F | 677-1225-342F | Green | | | 4135 | |
| 677-1312-343F | 677-1315-343F | 677-1322-343F | 677-1325-343F | Orange | | | 560 | |
| 677-1412-344F | 677-1415-344F | 677-1422-344F | 677-1425-344F | Blue | | | 700 | |

## Recessed Lens

| Chrome Plated Brass Housing | | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness |
|---|---|---|---|---|---|---|
| Terminals | Wire Leads | | | | | |
| 677-2112-321F | 677-2115-321F | Red | 6 | 15 | 925 | 0.336" (8.50 mm) |
| 677-2212-322F | 677-2215-322F | Green | | | 4135 | |
| 677-2312-323F | 677-2315-323F | Orange | | | 600 | |
| 677-2412-324F | 677-2415-324F | Blue | | | 730 | |
| 677-2112-331F | 677-2115-331F | Red | 12 | | 925 | |
| 677-2212-332F | 677-2215-332F | Green | | | 4135 | |
| 677-2312-333F | 677-2315-333F | Orange | | | 600 | |
| 677-2412-334F | 677-2415-334F | Blue | | | 730 | |
| 677-2112-341F | 677-2115-341F | Red | 24 | | 925 | |
| 677-2212-342F | 677-2215-342F | Green | | | 4135 | |
| 677-2312-343F | 677-2315-343F | Orange | | | 600 | |
| 677-2412-344F | 677-2415-344F | Blue | | | 730 | |

## Internal Lens - Polycarbonate Housing

| Part Number | Part Number | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness |
|---|---|---|---|---|---|---|
| Terminals | Wire Leads | | | | | |
| 677-3132-321F | 677-3135-321F | Red | 6 | 15 | 1370 | 0.187" (4.75 mm) |
| 677-3232-322F | 677-3235-322F | Green | | | 5500 | |
| 677-3332-323F | 677-3335-323F | Orange | | | 1280 | |
| 677-3432-324F | 677-3435-324F | Blue | | | 1200 | |
| 677-3132-331F | 677-3135-331F | Red | 12 | | 1370 | |
| 677-3232-332F | 677-3235-332F | Green | | | 5500 | |
| 677-3332-333F | 677-3335-333F | Orange | | | 1280 | |
| 677-3432-334F | 677-3435-334F | Blue | | | 1200 | |
| 677-3132-341F | 677-3135-341F | Red | 24 | | 1370 | |
| 677-3232-342F | 677-3235-342F | Green | | | 5500 | |
| 677-3332-343F | 677-3335-343F | Orange | | | 1280 | |
| 677-3432-344F | 677-3435-344F | Blue | | | 1200 | |

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# 678 Series

## 8 mm High Intensity Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- IP66 (protruding type only)

### Application

The 678 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.323" (8.2 mm) [Fig. 1 & 2]; 0.335" (8.5 mm) [Fig. 3] |
| **Max Panel Thickness:** | see part number table |
| **Mounting Torque:** | 0.271 lbs/ft (3 kg/cm) [Fig. 1 & 2] 0.362 lbs/ft (5 kg/cm) torque [Fig. 3] |

### Specifications

| | |
|---|---|
| **Operating Voltage:** | 2 & 3.3 VDC [Fig. 1 & 2]; 6, 12 & 24 VDC [Fig. 3] (no resistor required) |
| **Operating Temp:** | -20 °C to +75 °C (-4°F to 167°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to 212°F) |
| **Electrical Connection:** | Straight leads [Fig. 1 & 2]; Solder terminals or 6" wire leads [Fig. 3] |
| **Housing:** | Protruding: Chrome plated brass; Internal position: Polycarbonate |
| **Terminals:** | Copper — Nickel Plated |
| **Lock Washer:** | Iron — Nickel Plated |
| **Nut:** | Brass — Nickel Plated |

## Dimensions

inches [mm]

**Figure 1**

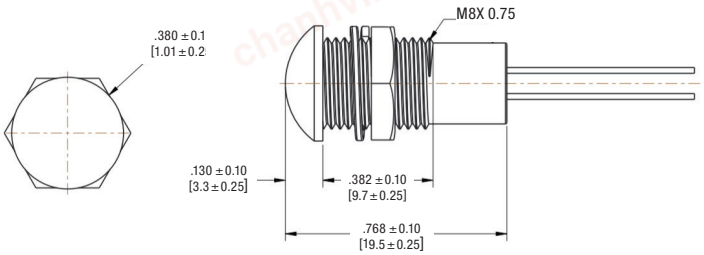



**Figure 2**

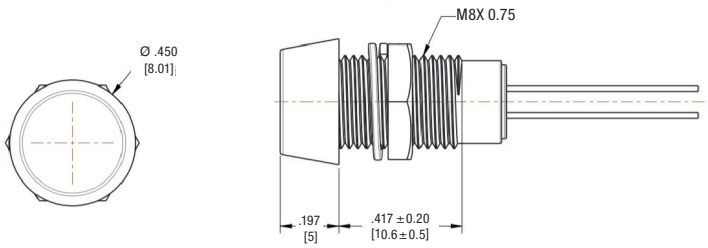
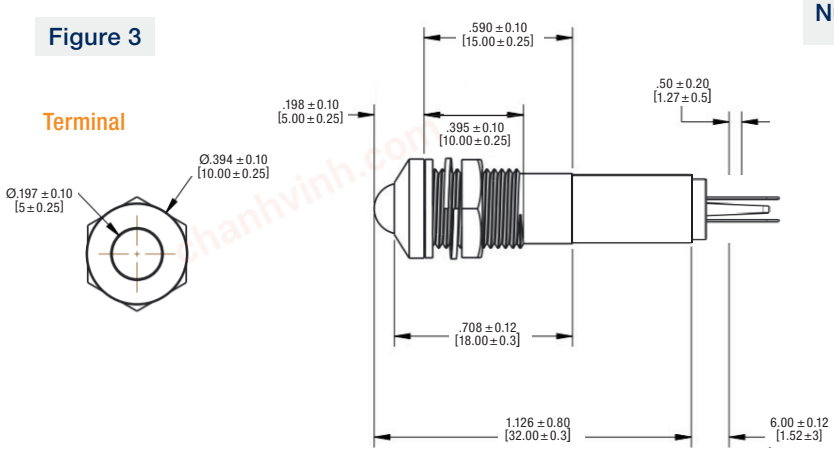
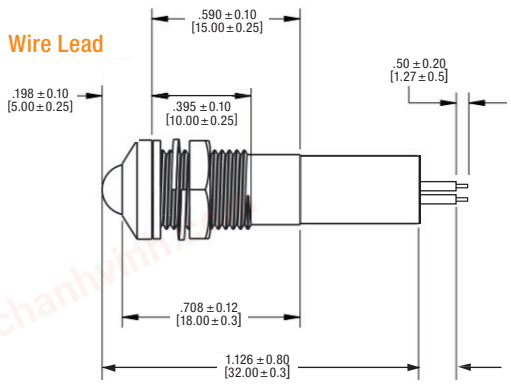



**Figure 3**

Terminal




Wire Lead




*Metal housing indicators are un-polarized*

RoHS COMPLIANT

Dialight

## Ordering Information 678

### Polycarbonate

| Part Number Straight Leads | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) | Viewing Angle | LED Position | Fig. # | Mount Style | Panel Thickness |
|---|---|---|---|---|---|---|---|---|---|
| 678-1131-111F | Red | 2 | 15 | 2210 | 4 | Internal | 1 | Lock washer & nut | .2165" (5.5 mm) |
| 678-1231-112F | Green | 3.3 | | 46860 | | | | | |
| 678-1331-113F | Orange | 2 | | 2210 | | | | | |
| 678-1431-114F | Blue | 3.3 | | 7100 | | | | | |
| 678-3131-111F | Red | 2 | | 3020 | 40 | | 2 | | |
| 678-3231-112F | Green | 3.3 | | 30600 | 20 | | | | |
| 678-3331-113F | Orange | 2 | | 3260 | 20 | | | | |
| 678-3431-114F | Blue | 3.3 | | 4360 | 40 | | | | |

### White Nickel

| Part Numbers Terminals | Part Numbers Wire Leads | Color | Voltage (V DC) | Current (mA) | Typical Intensity (mcd) | Viewing Angle | LED Position | Fig. # | Mount Style | Panel Thickness |
|---|---|---|---|---|---|---|---|---|---|---|
| 678-1112-321F | 678-1115-321F | Red | 6 | 15 | 320 | 20 | Protruding | 3 | Lock washer & nut | .3158" (8.0 mm) |
| 678-1212-322F | 678-1215-322F | Green | | | 2920 | | | | | |
| 678-1312-323F | 678-1315-323F | Orange | | | 490 | | | | | |
| 678-1412-324F | 678-1415-324F | Blue | | | 220 | | | | | |
| 678-1112-331F | 678-1115-331F | Red | 12 | | 320 | | | | | |
| 678-1212-332F | 678-1215-332F | Green | | | 2920 | | | | | |
| 678-1312-333F | 678-1315-333F | Orange | | | 490 | | | | | |
| 678-1412-334F | 678-1415-334F | Blue | | | 220 | | | | | |
| 678-1112-341F | 678-1115-341F | Red | 24 | | 320 | | | | | |
| 678-1212-342F | 678-1215-342F | Green | | | 2920 | | | | | |
| 678-1312-343F | 678-1315-343F | Orange | | | 490 | | | | | |
| 678-1412-344F | 678-1415-344F | Blue | | | 220 | | | | | |

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# 679 Series
## 9 mm High Intensity Panel Mount Indicators



### Certifications & Ratings

- RoHS compliant
- NEMA 4X (with gasket)
- IP66 (with gasket)

### Application

The 679 Series LED Panel Mount Indicators are designed for a variety of applications such as:

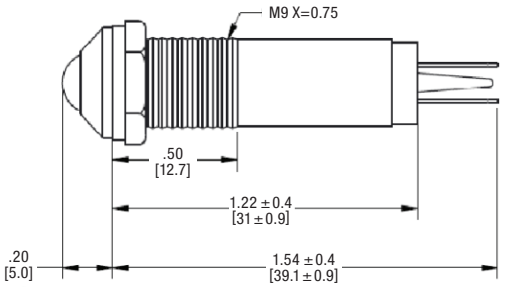
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

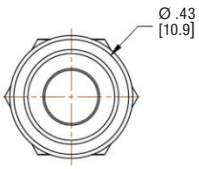
### Dimensions

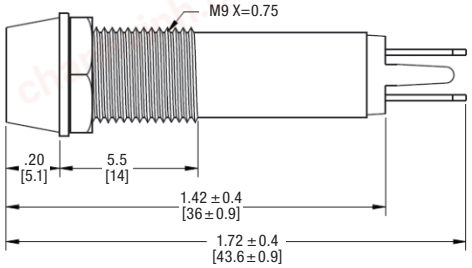
inches [mm]

**Protruding**




**Recessed**




*These indicators are un-polarized*

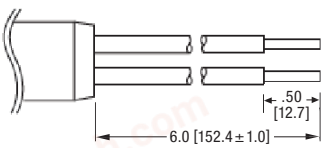
### Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.374" (9.5 mm) |
| **Max Panel Thickness:** | 0.374" (9.5 mm); with Gasket: 0.318" (8.0 mm) |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm) |

### Specifications

| | |
|---|---|
| **Voltage Options:** | 6, 12 & 24 V DC (no resistor required) |
| **Operating Temp:** | -20 °C to +75 °C (-4 °F to +167 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Solder terminals, 6" wire leads |
| **Housing:** | Brass—Chrome or Black Plated |
| **Terminals:** | Copper—Nickel Plated |
| **Lock washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

6" Wire Leads




RoHS COMPLIANT

Dialight

## Ordering Information 679 Series

### Part Number Guide

RoHS Compliant

| 6 | 7 | 9 | - | X | X | X | X | - | 3 | X | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**LED Position**
- 1 Protruding
- 2 Recessed

**LED Color**
- 1 Red
- 2 Green
- 3 Orange
- 4 Blue

**Termination**
- 2 Solder Terminals
- 5 6" Wire Leads

**Plating**
- 1 Chrome
- 2 Black

**Voltage**
- 2 6VDC
- 3 12VDC
- 4 24VDC

**Lens Color***
- 1 Red
- 2 Green
- 3 Orange
- 4 Blue

* Lens color same as LED color

### Protruding LED

| Part Number / Termination | | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Plating |
|---|---|---|---|---|---|---|
| Solder Terminals | 6" Wire Leads | | | | | |
| 679-1112-321F | 679-1115-321F | Red | 6 | 15 | 485 | Chrome |
| 679-1212-322F | 679-1215-322F | Green | | | 5870 | |
| 679-1312-323F | 679-1315-323F | Orange | | | 1570 | |
| 679-1412-324F | 679-1415-324F | Blue | | | 215 | |
| 679-1112-331F | 679-1115-331F | Red | 12 | | 485 | |
| 679-1212-332F | 679-1215-332F | Green | | | 5870 | |
| 679-1312-333F | 679-1315-333F | Orange | | | 1570 | |
| 679-1412-334F | 679-1415-334F | Blue | | | 215 | |
| 679-1112-341F | 679-1115-341F | Red | 24 | | 485 | |
| 679-1212-342F | 679-1215-342F | Green | | | 5870 | |
| 679-1312-343F | 679-1315-343F | Orange | | | 1570 | |
| 679-1412-344F | 679-1415-344F | Blue | | | 215 | |
| 679-1122-321F | 679-1125-321F | Red | 6 | | 485 | Black |
| 679-1222-322F | 679-1225-322F | Green | | | 5870 | |
| 679-1322-323F | 679-1325-323F | Orange | | | 1570 | |
| 679-1422-324F | 679-1425-324F | Blue | | | 215 | |
| 679-1122-331F | 679-1125-331F | Red | 12 | | 485 | |
| 679-1222-332F | 679-1225-332F | Green | | | 5870 | |
| 679-1322-333F | 679-1325-333F | Orange | | | 1570 | |
| 679-1422-334F | 679-1425-334F | Blue | | | 215 | |
| 679-1122-341F | 679-1125-341F | Red | 24 | | 485 | |
| 679-1222-342F | 679-1225-342F | Green | | | 5870 | |
| 679-1322-343F | 679-1325-343F | Orange | | | 1570 | |
| 679-1422-344F | 679-1425-344F | Blue | | | 215 | |

### Recessed LED

| Part Number / Termination | | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Plating |
|---|---|---|---|---|---|---|
| Solder Terminals | 6" Wire Leads | | | | | |
| 679-2112-321F | 679-2115-321F | Red | 6 | 15 | 775 | Chrome |
| 679-2212-322F | 679-2215-322F | Green | | | 5870 | |
| 679-2312-323F | 679-2315-323F | Orange | | | 1570 | |
| 679-2412-324F | 679-2415-324F | Blue | | | 270 | |
| 679-2112-331F | 679-2115-331F | Red | 12 | | 775 | |
| 679-2212-332F | 679-2215-332F | Green | | | 5870 | |
| 679-2312-333F | 679-2315-333F | Orange | | | 1570 | |
| 679-2412-334F | 679-2415-334F | Blue | | | 270 | |
| 679-2112-341F | 679-2115-341F | Red | 24 | | 775 | |
| 679-2212-342F | 679-2215-342F | Green | | | 5870 | |
| 679-2312-343F | 679-2315-343F | Orange | | | 1570 | |
| 679-2412-344F | 679-2415-344F | Blue | | | 270 | |
| 679-2122-321F | 679-2125-321F | Red | 6 | | 775 | Black |
| 679-2222-322F | 679-2225-322F | Green | | | 5870 | |
| 679-2322-323F | 679-2325-323F | Orange | | | 1570 | |
| 679-2422-324F | 679-2425-324F | Blue | | | 270 | |
| 679-2122-331F | 679-2125-331F | Red | 12 | | 775 | |
| 679-2222-332F | 679-2225-332F | Green | | | 5870 | |
| 679-2322-333F | 679-2325-333F | Orange | | | 1570 | |
| 679-2422-334F | 679-2425-334F | Blue | | | 270 | |
| 679-2122-341F | 679-2125-341F | Red | 24 | | 775 | |
| 679-2222-342F | 679-2225-342F | Green | | | 5870 | |
| 679-2322-343F | 679-2325-343F | Orange | | | 1570 | |
| 679-2422-344F | 679-2425-344F | Blue | | | 270 | |

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# 680 Series
## 10 mm High Intensity Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

The 680 Series LED Panel Mount Indicators are designed for a variety of applications such as:

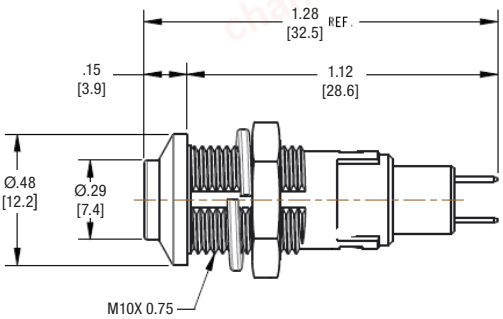
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

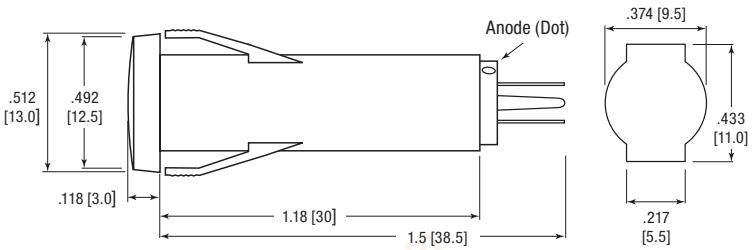
## Dimensions

inches [mm]

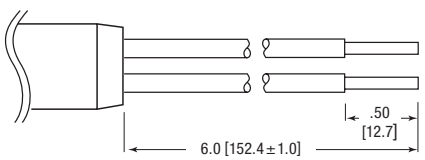
### Standard




### Snap-in




### 6" Wire Leads




*These indicators are un-polarized*

## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.413" (10.5 mm) (Standard)<br>Snap-in, see drawing |
| **Max Panel Thickness:** | 0.236" (6.0 mm) (Standard);<br>0.098" (2.49 mm) (Snap-in) |
| **Mounting Torque:** | 0.217 lbs/ft (3 kg/cm) (Standard) |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 6, 12, & 24 V DC (no resistor required) |
| **Operating Temp:** | -20 °C to +75 °C (-4 °F to +167 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Solder terminals, 6" wire leads |
| **Housing:** | Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

RoHS COMPLIANT

Dialight

## Ordering Information 680 Series

### Part Number Guide

RoHS Compliant

| 6 | 8 | 0 | - | 3 | X | 3 | X | - | X | X | X | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**LED Color***

| | |
|---|---|
| Red | 1 |
| Green | 2 |
| Orange | 3 |
| Blue | 4 |

**Termination**

| | |
|---|---|
| Solder Terminals | 2 |
| 6" Wire Leads | 5 |

**Mounting Style**

| | |
|---|---|
| Standard | 1 |
| Snap-in | 2 |

**Voltage**

| | |
|---|---|
| 2 | 6VDC |
| 3 | 12VDC |
| 4 | 24VDC |

**Lens Color ***

| | |
|---|---|
| 1 | Red |
| 2 | Green |
| 3 | Orange |
| 4 | Blue |

*Lens color same as LED color

| Dialight P/N | | | Color | Current (mA) | Typical Intensity (mcd) | Panel Thickness | Termination |
|---|---|---|---|---|---|---|---|
| 6 VDC | 12 VDC | 24 VDC | | | | | |
| **Standard** | | | | | | | |
| 680-3132-121F | 680-3132-131F | 680-3132-141F | Red | 15 | 1530 | 0.236" (6.0mm) | Solder Terminals |
| 680-3232-122F | 680-3232-132F | 680-3232-142F | Green | | 4330 | | |
| 680-3332-123F | 680-3332-133F | 680-3332-143F | Orange | | 1455 | | |
| 680-3432-124F | 680-3432-134F | 680-3432-144F | Blue | | 245 | | |
| 680-3135-121F | 680-3135-131F | 680-3135-141F | Red | | 1530 | | Wire Leads |
| 680-3235-122F | 680-3235-132F | 680-3235-142F | Green | | 4330 | | |
| 680-3335-123F | 680-3335-133F | 680-3335-143F | Orange | | 1455 | | |
| 680-3435-124F | 680-3435-134F | 680-3435-144F | Blue | | 245 | | |
| **Snap-in** | | | | | | | |
| 680-3132-221F | 680-3132-231F | 680-3132-241F | Red | 15 | 335 | 0.098" (2.5mm) | Solder Terminals |
| 680-3232-222F | 680-3232-232F | 680-3232-242F | Green | | 4070 | | |
| 680-3332-223F | 680-3332-233F | 680-3332-243F | Orange | | 1025 | | |
| 680-3432-224F | 680-3432-234F | 680-3432-244F | Blue | | 730 | | |
| 680-3135-221F | 680-3135-231F | 680-3135-241F | Red | | 335 | | Wire Leads |
| 680-3235-222F | 680-3235-232F | 680-3235-242F | Green | | 4070 | | |
| 680-3335-223F | 680-3335-233F | 680-3335-243F | Orange | | 1025 | | |
| 680-3435-224F | 680-3435-234F | 680-3435-244F | Blue | | 730 | | |

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# 682 Series
# 12 mm High Intensity Panel Mount Indicators



## Certifications & Ratings

- RoHS compliant

## Application

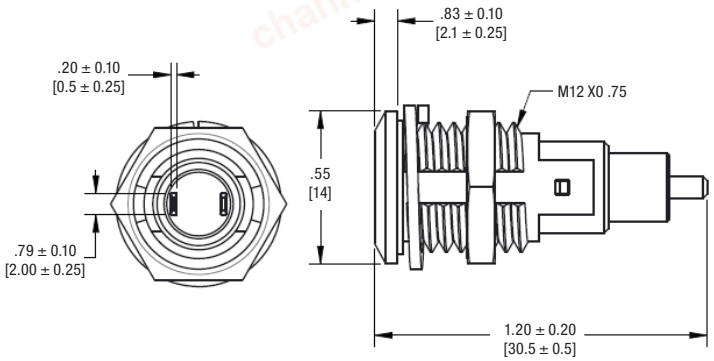
The 682 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

## Dimensions

inches [mm]




*These indicators are un-polarized*

## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.492" (12.5 mm) |
| **Max Panel Thickness:** | 0.236" (6.0 mm) |
| **Mounting Torque:** | 0.217 lbs/ft (3 kg/cm) |

## Specifications

| | |
|---|---|
| **Voltage Options:** | 6, 12 & 24 VDC (no resistor required) |
| **Operating Temp:** | -20 °C to +75 °C (-4 °F to +167 °F) |
| **Storage Temp:** | -40 °C to +100 °C (-40 °F to +212 °F) |
| **Electrical Connection:** | Solder terminals and 6" wire leads |
| **Housing:** | Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |

## Ordering Information 682 Series

| Part Number | | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| Terminals | Wire Leads | | | | |
| 682-3132-121F | 682-3135-121F | Red | 6 | 15 | 510 |
| 682-3232-122F | 682-3235-122F | Green | | | 2225 |
| 682-3332-123F | 682-3335-123F | Orange | | | 510 |
| 682-3432-124F | 682-3435-124F | Blue | | | 260 |
| 682-3132-131F | 682-3135-131F | Red | 12 | | 510 |
| 682-3232-132F | 682-3235-132F | Green | | | 2225 |
| 682-3332-133F | 682-3335-133F | Orange | | | 510 |
| 682-3432-134F | 682-3435-134F | Blue | | | 260 |
| 682-3132-141F | 682-3135-141F | Red | 24 | | 510 |
| 682-3232-142F | 682-3235-142F | Green | | | 2225 |
| 682-3332-143F | 682-3335-143F | Orange | | | 510 |
| 682-3432-144F | 682-3435-144F | Blue | | | 260 |

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialightsignalsandcomponents.com

**Warranty Statement:** Except for the warranty expressly provided for at: www.dialight.com/resources/warranties/, Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

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# LED Based Bulbs

## Quick Reference



### Application

With the technological advancements in Light Emitting Diodes (LEDs) brightness can now rival the incandescent lamp when used in similar packages. These advancements have allowed for a new type of product called the Based LED, an LED with the fit and functionality of an incandescent light bulb

- High reliability - vibration and shock resistant
- Multi-chip, Cluster, and Single Ultra-Bright Chip
- AlInGaP and InGaN die technology
- Polarized and non-polarized
- Single and multi-voltage input

...and many more!

### Certifications & Ratings

- RoHS compliant

### Considerations

Since lens caps act as filters for the light emitted from the based LED, it is important to match the emitting color of the LED. If not matched properly, the overall light output may be substantially reduced. Dialight recommends using transparent lenses, which will optimize the light output.

- Although these lamps can be operated at a lower voltage, which will increase the life, the intensity will be reduced.
- Operation of the based LED at a higher voltage should not exceed 10% above the recommended voltage.
- Dialight does not recommend that based LED lamps be used in neon sockets.

| Base Style | Configuration | Color | 6 VDC | 12–24 VDC | 24–48 VDC | 120 VAC | Polarized | 6–36 VDC | ROHS Compliant |
|---|---|---|---|---|---|---|---|---|---|
| T1 3/4 Midget Flange | Single Chip | Red / Green / Yellow / Blue / White | • | • | • | | Polarized | | • |
| T1 3/4 Midget Flange | Multi Chip | Red / Green / Yellow | • | • | • | | Polarized / Non-Polarized | | |
| T1 3/4 Wedge (T5) | Single / Dual Chip | Red / Green / Yellow / Blue / White | • | • | • | | Non-Polarized | | • |
| T1 3/4 Wedge (T5) | Multi Chip | Red / Green / Yellow | • | • | • | | Polarized / Non-Polarized | | |
| T1 3/4 Bi-Pin | Single Chip | Red / Green / Yellow / Blue / White | • | • | • | | Polarized | | • |
| T1 3/4 Bi-Pin | Multi Chip | Red / Green / Yellow | • | • | • | | Polarized / Non-Polarized | | |
| T2 Telephone Slide | Single Chip | Red / Green / Yellow / Blue / White | | | • | | Non-Polarized | | • |
| T3 1/4 Miniature Bayonet (BA9s) | Single Chip | Red / Green / Yellow / Blue / White | • | • | • | | Polarized / Non-Polarized | • | • |
| T3 1/4 Miniature Bayonet (BA9s) | Cluster | Red / Green / Yellow / Blue / White | • | • | • | • | Polarized / Non-Polarized | | • |
| T3 1/4 Miniature Screw (E10) | Single Chip | Red / Green / Yellow / Blue / White | • | • | • | | Non-Polarized | • | • |
| T3 1/4 Wedge (T10) | Cluster | Red / Green / Yellow / Blue / White | • | • | • | | Non-Polarized | | • |
| 15mm Bayonet (BA15s) | Custer | Red / Green / Yellow / Blue / White | | • | • | | Polarized | | • |

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# 586 Series

## Single Chip Based LED - T1 3/4 Midget Flange

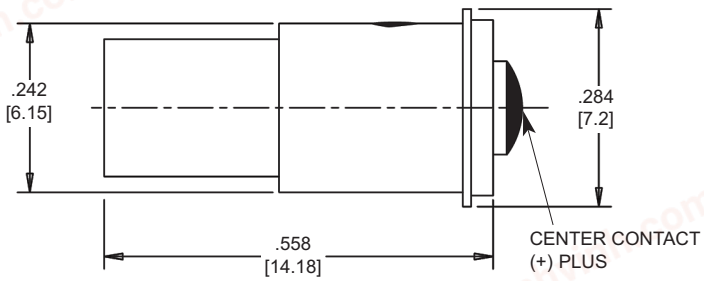


### Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AlInGaP and InGaN die technology
- Super bright single chip design
- No heat generated

| Specifications | |
|---|---|
| **Base:** | T1 3/4 Midget Flange |
| **Voltage Options:** | 6,14, and 28 V DC |
| **Operating Temp:** | -40°C to +80°C (-40°F to +176°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| 586-1101-101F | Red | 639 | 6 | 10 | 775 |
| 586-1102-101F | Green | 520 | 6 | 10 | 600 |
| 586-1103-101F | Yellow | 592 | 6 | 10 | 775 |
| 586-1105-101F | Blue | 467 | 6 | 10 | 210 |
| 586-1106-101F | White | * | 6 | 10 | 460 |
| 586-1101-103F | Red | 639 | 14 | 10 | 775 |
| 586-1102-103F | Green | 520 | 14 | 10 | 600 |
| 586-1103-103F | Yellow | 592 | 14 | 10 | 775 |
| 586-1105-103F | Blue | 467 | 14 | 10 | 210 |
| 586-1106-103F | White | * | 14 | 10 | 460 |
| 586-1101-105F | Red | 639 | 28 | 10 | 775 |
| 586-1102-105F | Green | 520 | 28 | 10 | 600 |
| 586-1103-105F | Yellow | 592 | 28 | 10 | 775 |
| 586-1105-105F | Blue | 467 | 28 | 10 | 210 |
| 586-1106-105F | White | * | 28 | 10 | 460 |

* Color coordinates: x=0.320, y=0.320

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# 585 Series

## Multi-Chip Based LED - T1 3/4 Midget Flange

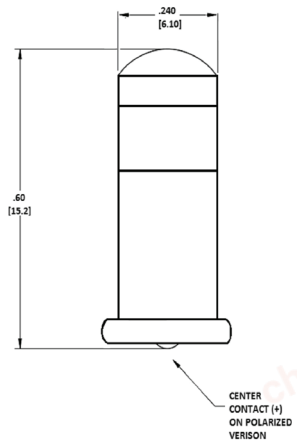


### RoHS Compliant Features/Benefits

- Longer life
- Energy savings - 90% less power required
- Mounts directly into industry standard socket
- Polarized and non-polarized

| Specifications | |
|---|---|
| **Base:** | T1 3/4 Midget Flange |
| **Voltage Options:** | 6,14, and 28 V DC |
| **Operating Temp:** | -20°C to +60°C (-4°F to +140°F) |
| **Storage Temp:** | -30°C to +100°C (-22°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 585-1211F | Red | 660 | 6 | 50 | 67 |
| 585-1311F | Green | 565 | 6 | 46 | 77 |
| 585-1411F | Yellow | 585 | 6 | 44 | 22 |
| 585-1213F | Red | 660 | 14 | 30 | 60 |
| 585-1313F | Green | 565 | 14 | 28 | 70 |
| 585-1413F | Yellow | 585 | 14 | 30 | 23 |
| 585-1215F | Red | 660 | 28 | 16 | 64 |
| 585-1315F | Green | 565 | 28 | 15 | 75 |
| 585-1415F | Yellow | 585 | 28 | 15 | 23 |
| **Non-Polarized LED Bulbs** | | | | | |
| 585-1221F | Red | 660 | 6 | 75 | 50 |
| 585-1321F | Green | 565 | 6 | 67 | 56 |
| 585-1421F | Yellow | 585 | 6 | 73 | 18 |
| 585-1223F | Red | 660 | 14 | 26 | 50 |
| 585-1323F | Green | 565 | 14 | 23 | 56 |
| 585-1423F | Yellow | 585 | 14 | 24 | 18 |
| 585-1225F | Red | 660 | 28 | 14 | 56 |
| 585-1325F | Green | 565 | 28 | 13 | 65 |
| 585-1425F | Yellow | 585 | 28 | 13 | 20 |

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# 586 Series

## Single Chip Based LED - T1 3/4 Wedge (T5)

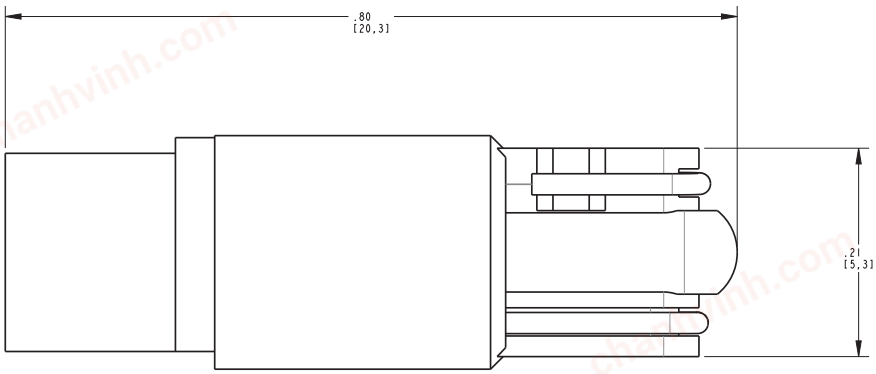



### Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- Wide 100 degree viewing angel
- No heat generated

| Specifications | |
|---|---|
| **Base:** | T1 3/4 Midget Flange |
| **Voltage Options:** | 6,14, and 28 V DC |
| **Operating Temp:** | -40°C to +80°C (-40°F to +176°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ.(mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| 586-1A01-101F | Red | 630 | 6 | 16 | 775 |
| 586-1A02-101F | Green | 526 | 6 | 16 | 600 |
| 586-1A03-101F | Yellow | 592 | 6 | 16 | 775 |
| 586-1A05-101F | Blue | 472 | 6 | 16 | 165 |
| 586-1A06-101F | White | * | 6 | 16 | 460 |
| 586-1A01-103F | Red | 630 | 14 | 16 | 775 |
| 586-1A02-103F | Green | 526 | 14 | 16 | 600 |
| 586-1A03-103F | Yellow | 592 | 14 | 16 | 775 |
| 586-1A05-103F | Blue | 472 | 14 | 16 | 165 |
| 586-1A06-103F | White | * | 14 | 16 | 460 |
| 586-1A01-105F | Red | 630 | 28 | 16 | 775 |
| 586-1A02-105F | Green | 526 | 28 | 16 | 600 |
| 586-1A03-105F | Yellow | 592 | 28 | 16 | 775 |
| 586-1A05-105F | Blue | 472 | 28 | 16 | 165 |
| 586-1A06-105F | White | * | 28 | 16 | 460 |

* Color coordinates: x=0.320, y=0.320

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# 586 Series

## Based LED - T1 3/4 Wedge (T5)

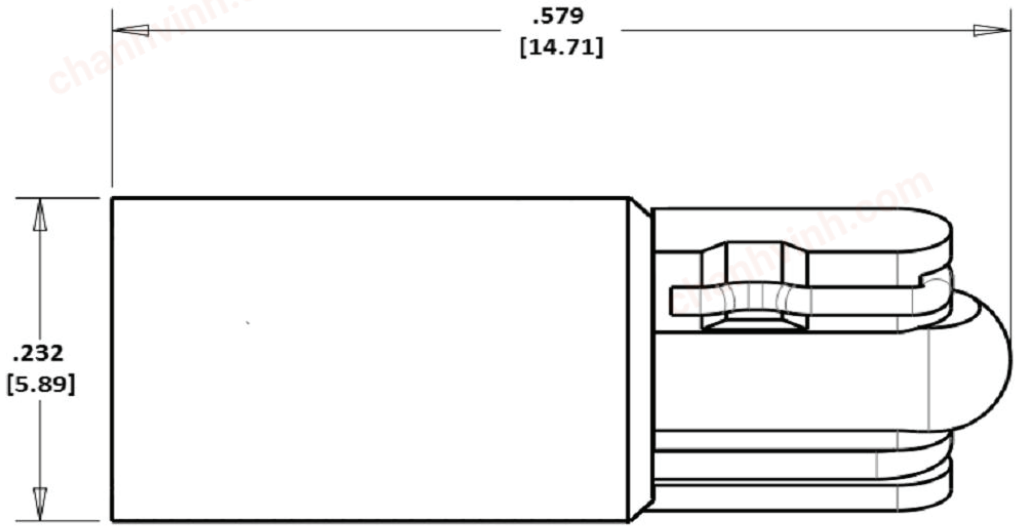


### Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Unique multi-LED design provides superior illumination
- AlInGaP and InGaN die technology
- True Non-Polarized design
- Mounts directly into industry standard socket

| Specifications | |
|---|---|
| **Base:** | T1 3/4 Wedge |
| **Voltage Options:** | 6, 12, 14 and 28 V DC |
| **Operating Temp:** | -30°C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

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# 586 Series
## Based LED - T1 3/4 Wedge (T5)

### Ordering Information

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| 586-1201-201F | Red | 615 | 6 | 35 | 450 |
| 586-1202-201F | Green | 528 | 6 | 12 | 120 |
| 586-1203-201F | Yellow | 587 | 6 | 35 | 450 |
| 586-1205-201F | Blue | 470 | 6 | 12 | 50 |
| 586-1206-201F | White | * | 6 | 15 | 320 |
| 586-1201-202F | Red | 615 | 12 | 18 | 450 |
| 586-1202-202F | Green | 528 | 12 | 8 | 170 |
| 586-1203-202F | Yellow | 587 | 12 | 18 | 450 |
| 586-1205-202F | Blue | 470 | 12 | 8 | 70 |
| 586-1206-202F | White | * | 12 | 11 | 450 |
| 586-1201-203F | Red | 615 | 14 | 20 | 500 |
| 586-1202-203F | Green | 528 | 14 | 8.5 | 185 |
| 586-1203-203F | Yellow | 587 | 14 | 20 | 500 |
| 586-1205-203F | Blue | 470 | 14 | 8.5 | 75 |
| 586-1206-203F | White | * | 14 | 12 | 500 |
| 586-1201-204F | Red | 615 | 24 | 14 | 350 |
| 586-1202-204F | Green | 528 | 24 | 10 | 215 |
| 586-1203-204F | Yellow | 587 | 24 | 14 | 350 |
| 586-1205-204F | Blue | 470 | 24 | 10 | 85 |
| 586-1206-204F | White | * | 24 | 14 | 580 |
| 586-1201-205F | Red | 615 | 28 | 14 | 350 |
| 586-1202-205F | Green | 528 | 28 | 10 | 210 |
| 586-1203-205F | Yellow | 587 | 28 | 14 | 350 |
| 586-1205-205F | Blue | 470 | 28 | 10 | 80 |
| 586-1206-205F | White | * | 28 | 14 | 540 |

* Color coordinates: x=0.330, y=0.330

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# 585 Series

## Multi-Chip Based LED - T1 3/4 Wedge

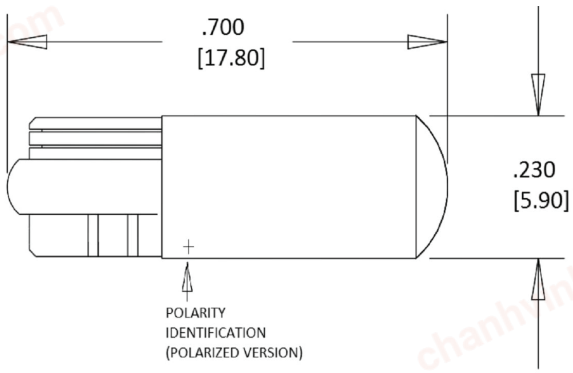


### Features/Benefits:

- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AlInGaP and InGaN die technology
- True non-polarized configurations available
- No heat generated

| Specifications | |
|---|---|
| **Base:** | T1 3/4 Wedge |
| **Voltage Options:** | 6,14, and 28 V DC |
| **Operating Temp:** | -20°C to +60°C (-4°F to +140°F) |
| **Storage Temp:** | -30°C to +100°C (-22°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 585-2211F | Red | 660 | 6 | 50 | 67 |
| 585-2311F | Green | 565 | 6 | 46 | 77 |
| 585-2411F | Yellow | 585 | 6 | 44 | 22 |
| 585-2213F | Red | 660 | 14 | 30 | 60 |
| 585-2313F | Green | 565 | 14 | 28 | 70 |
| 585-2413F | Yellow | 585 | 14 | 30 | 23 |
| 585-2215F | Red | 660 | 28 | 16 | 64 |
| 585-2315F | Green | 565 | 28 | 15 | 75 |
| 585-2415F | Yellow | 585 | 28 | 15 | 23 |
| **Non-Polarized LED Bulbs** | | | | | |
| 585-2221F | Red | 660 | 6 | 75 | 50 |
| 585-2321F | Green | 565 | 6 | 67 | 56 |
| 585-2421F | Yellow | 585 | 6 | 73 | 18 |
| 585-2223F | Red | 660 | 14 | 26 | 50 |
| 585-2323F | Green | 565 | 14 | 23 | 56 |
| 585-2423F | Yellow | 585 | 14 | 24 | 18 |
| 585-2225F | Red | 660 | 28 | 14 | 56 |
| 585-2325F | Green | 565 | 28 | 13 | 65 |
| 585-2425F | Yellow | 585 | 28 | 13 | 20 |

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# 586 Series

## Single-Chip Based LED - T1 3/4 Bi-pin

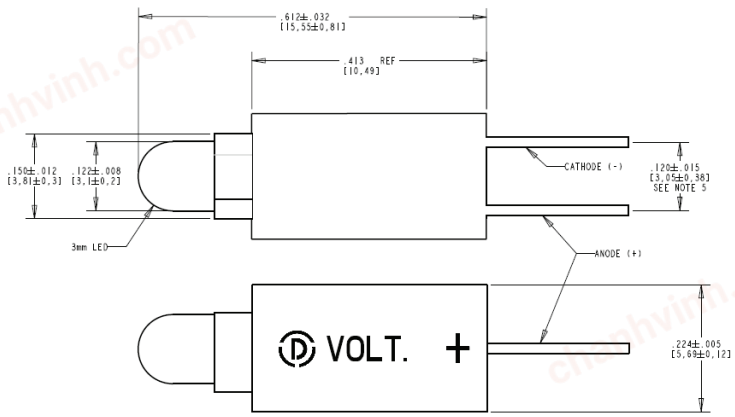


### Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AlInGaP and InGaN die technology
- Super bright single chip design
- No heat generated

| Specifications | |
|---|---|
| **Voltage Options:** | 6,14, and 28 V DC |
| **Operating Temp:** | -30°C to +80°C (-22°F to +176°F) |
| **Storage Temp:** | -40°C to +85°C (-40F to +185°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| 586-1301-101F | Red | 626 | 6 | 10 | 90 |
| 586-1302-101F | Green | 525 | 6 | 10 | 1700 |
| 586-1303-101F | Yellow | 590 | 6 | 10 | 110 |
| 586-1305-101F | Blue | 470 | 6 | 10 | 500 |
| 586-1306-101F | White | * | 6 | 10 | 635 |
| 586-1301-103F | Red | 626 | 14 | 10 | 90 |
| 586-1302-103F | Green | 525 | 14 | 10 | 1700 |
| 586-1303-103F | Yellow | 590 | 14 | 10 | 110 |
| 586-1305-103F | Blue | 470 | 14 | 10 | 500 |
| 586-1306-103F | White | * | 14 | 10 | 635 |
| 586-1301-105F | Red | 626 | 28 | 10 | 90 |
| 586-1302-105F | Green | 525 | 28 | 10 | 1700 |
| 586-1303-105F | Yellow | 590 | 28 | 10 | 110 |
| 586-1305-105F | Blue | 470 | 28 | 10 | 500 |
| 586-1306-105F | White | * | 28 | 10 | 635 |

* Color coordinates: x=0.320, y=0.320

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# 585 Series

## Multi-Chip Based LED - T1 3/4 Bi-pin

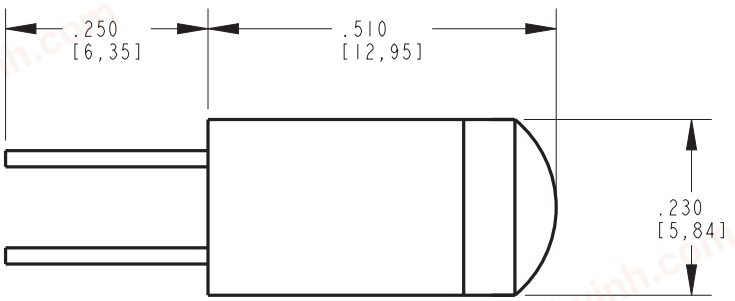


### Features/Benefits

- Longer life
- Energy savings - 90% less power required
- Mounts directly into industry standard socket
- True non-polarized configuration available
- Polarized and non-polarized
- No heat generated

| Specifications | |
|---|---|
| **Voltage Options:** | 6,14, and 28 V DC |
| **Operating Temp:** | -20°C to +60°C (-4°F to +140°F) |
| **Storage Temp:** | -30°C to +100°C (-22F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 585-3211F | Red | 660 | 6 | 50 | 67 |
| 585-3311F | Green | 565 | 6 | 46 | 77 |
| 585-3411F | Yellow | 585 | 6 | 44 | 22 |
| 585-3213F | Red | 660 | 14 | 30 | 60 |
| 585-3313F | Green | 565 | 14 | 28 | 70 |
| 585-3413F | Yellow | 585 | 14 | 30 | 23 |
| 585-3215F | Red | 660 | 28 | 16 | 64 |
| 585-3315F | Green | 565 | 28 | 15 | 75 |
| 585-3415F | Yellow | 585 | 28 | 15 | 23 |
| **Non-Polarized LED Bulbs** | | | | | |
| 585-3221F | Red | 660 | 6 | 75 | 50 |
| 585-3321F | Green | 565 | 6 | 67 | 56 |
| 585-3421F | Yellow | 585 | 6 | 73 | 18 |
| 585-3223F | Red | 660 | 14 | 26 | 50 |
| 585-3323F | Green | 565 | 14 | 23 | 56 |
| 585-3423F | Yellow | 585 | 14 | 24 | 18 |
| 585-3225F | Red | 660 | 28 | 14 | 56 |
| 585-3325F | Green | 565 | 28 | 13 | 65 |
| 585-3425F | Yellow | 585 | 28 | 13 | 20 |

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# 586 Series

## Single-Chip Based LED - T2 Telephone Slide (type 3)

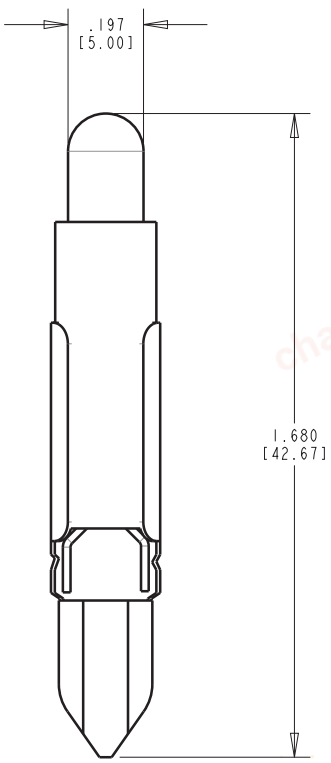


### Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounted directly into industry standard socket
- Super bright single-chip design
- No heat generated

| Specifications | |
|---|---|
| **Base:** | T2 Telephone Slide |
| **Voltage Options:** | 24 V DC |
| **Operating Temp:** | -30°C to +80°C (-22°F to +176°F) |
| **Storage Temp:** | -40°C to +85°C (-40F to +185°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 586-3501-204F | Red | 622 | 24 | 25 | 600 |
| 586-3502-204F | Green | 525 | 24 | 25 | 5000 |
| 586-3503-204F | Yellow | 592 | 24 | 25 | 1700 |
| 586-3505-204F | Blue | 470 | 24 | 25 | 1500 |
| 586-3506-204F | White | * | 24 | 25 | 5600 |

* Color coordinates: x=0.290, y=0.305

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# 586 Series

## Single-Chip Based LED - T3-1/4 Miniature Bayonet (BA9s)

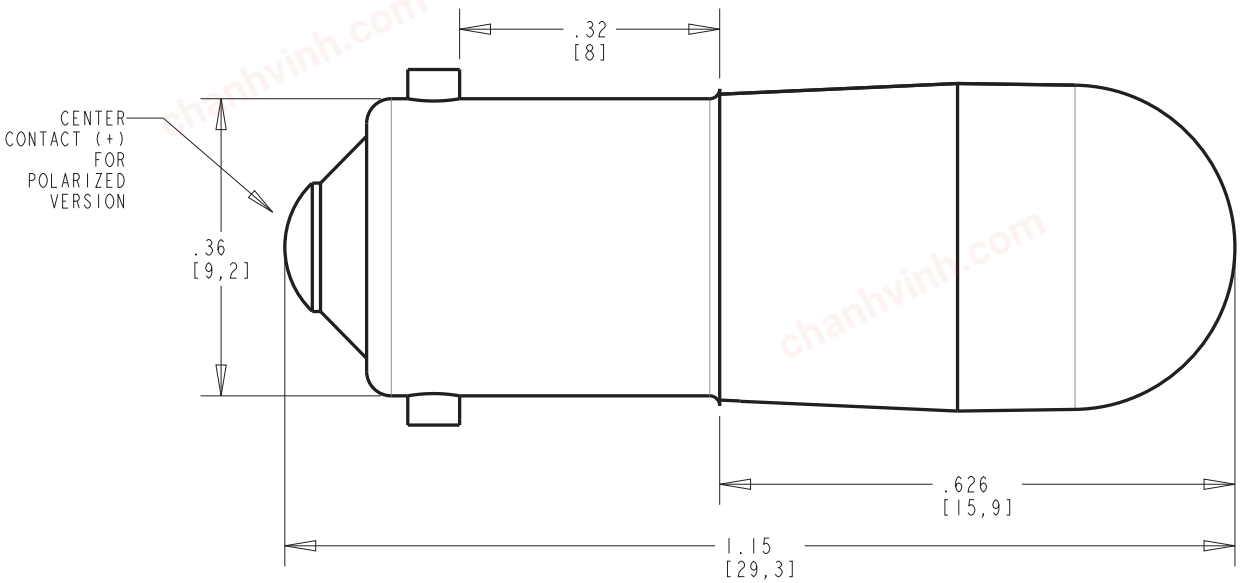


### Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- True non-polarized configurations available
- No heat generated
- Super bright single chip design

| Specifications | |
|---|---|
| **Base:** | T3 1/4 Miniature Bayonet (BA9s) |
| **Voltage Options:** | 6,14, and 28 V DC, 6-36 V DC |
| **Operating Temp:** | -30°C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

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# 586 Series

## Single-Chip Based LED - T3-1/4 Miniature Bayonet (BA9s)

### Ordering Information

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 586-2401-101F | Red | 630 | 6 | 15 | 1050 |
| 586-2402-101F | Green | 525 | 6 | 15 | 1650 |
| 586-2403-101F | Yellow | 592 | 6 | 15 | 1275 |
| 586-2405-101F | Blue | 470 | 6 | 15 | 487 |
| 586-2406-101F | White | * | 6 | 15 | 825 |
| 586-2401-103F | Red | 630 | 14 | 15 | 1050 |
| 586-2402-103F | Green | 525 | 14 | 15 | 1650 |
| 586-2403-103F | Yellow | 592 | 14 | 15 | 1275 |
| 586-2405-103F | Blue | 470 | 14 | 15 | 487 |
| 586-2406-103F | White | * | 14 | 15 | 825 |
| 586-2401-105F | Red | 630 | 28 | 15 | 1050 |
| 586-2402-105F | Green | 525 | 28 | 15 | 1650 |
| 586-2403-105F | Yellow | 592 | 28 | 15 | 1275 |
| 586-2405-105F | Blue | 470 | 28 | 15 | 487 |
| 586-2406-105F | White | * | 28 | 15 | 825 |
| 586-2401-220F | Red | 630 | 6-36 | 10 | 1000 |
| 586-2402-220F | Green | 525 | 6-36 | 10 | 1500 |
| 586-2403-220F | Yellow | 592 | 6-36 | 10 | 550 |
| 586-2405-220F | Blue | 470 | 6-36 | 10 | 200 |
| 586-2406-220F | White | * | 6-36 | 10 | 650 |
| **Non-Polarized LED Bulbs** | | | | | |
| 586-2401-201F | Red | 630 | 6 | 15 | 1050 |
| 586-2402-201F | Green | 525 | 6 | 15 | 1650 |
| 586-2403-201F | Yellow | 592 | 6 | 15 | 1275 |
| 586-2405-201F | Blue | 470 | 6 | 15 | 487 |
| 586-2406-201F | White | * | 6 | 15 | 825 |
| 586-2401-203F | Red | 630 | 14 | 15 | 1050 |
| 586-2402-203F | Green | 525 | 14 | 15 | 1650 |
| 586-2403-203F | Yellow | 592 | 14 | 15 | 1275 |
| 586-2405-203F | Blue | 470 | 14 | 15 | 487 |
| 586-2406-203F | White | * | 14 | 15 | 825 |
| 586-2401-205F | Red | 630 | 28 | 7.5 | 525 |
| 586-2402-205F | Green | 525 | 28 | 7.5 | 825 |
| 586-2403-205F | Yellow | 592 | 28 | 7.5 | 637 |
| 586-2405-205F | Blue | 470 | 28 | 7.5 | 243 |
| 586-2406-205F | White | * | 28 | 7.5 | 412 |

* Color coordinates: x=0.330, y=0.365

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Dialight

# 586 Series

## Daylight Viewable Cluster Based LED T3 1/4 Miniature Bayonet Base (BA9s)

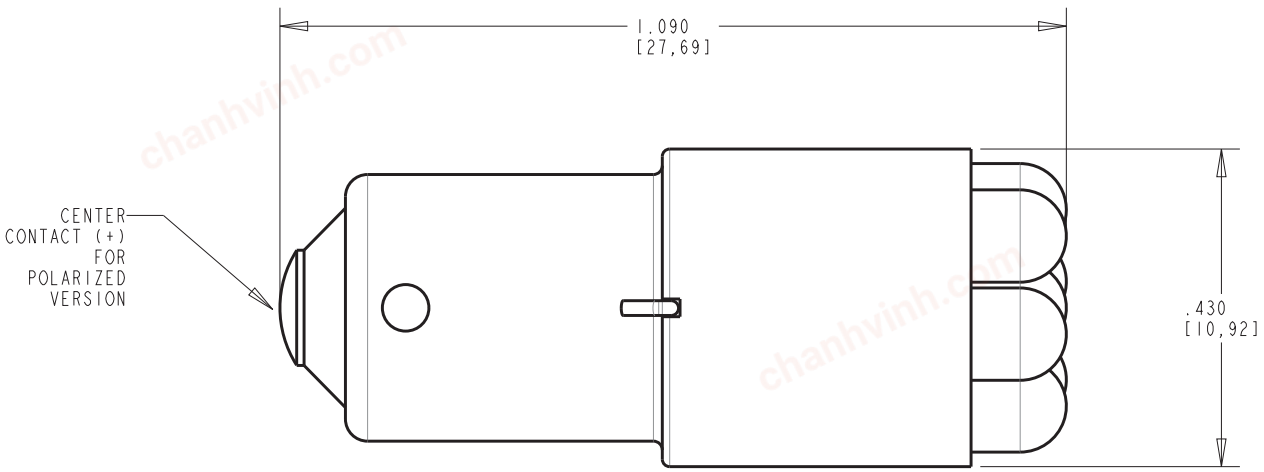


### Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard sockets
- Polarized and non-polarized
- Super bright LED cluster design

| Specifications | |
|---|---|
| **Base:** | T3 1/4 Miniature Bayonet (BA9s) |
| **Voltage Options:** | 6,14, and 28 V DC; 120 V AC |
| **Operating Temp:** | -30C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

Dialight

# 586 Series

## Daylight Viewable Cluster Based LED T3 1/4 Miniature Bayonet Base (BA9s)

### Ordering Information

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Forward Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 586-6401-101F | Red | 630 | 6 | 100 | 1000 |
| 586-6402-101F | Green | 525 | 6 | 90 | 3800 |
| 586-6403-101F | Yellow | 592 | 6 | 100 | 2000 |
| 586-6405-101F | Blue | 470 | 6 | 90 | 850 |
| 586-6406-101F | White | * | 6 | 90 | 4800 |
| 586-6401-103F | Red | 630 | 14 | 50 | 1000 |
| 586-6402-103F | Green | 525 | 14 | 40 | 3100 |
| 586-6403-103F | Yellow | 592 | 14 | 50 | 2000 |
| 586-6405-103F | Blue | 470 | 14 | 40 | 685 |
| 586-6406-103F | White | * | 14 | 40 | 4800 |
| 586-6401-105F | Red | 630 | 28 | 17 | 1000 |
| 586-6402-105F | Green | 525 | 28 | 13 | 3600 |
| 586-6403-105F | Yellow | 592 | 28 | 17 | 2000 |
| 586-6405-105F | Blue | 470 | 28 | 13 | 780 |
| 586-6406-105F | White | * | 28 | 13 | 4200 |
| **Non-Polarized LED Bulbs** | | | | | |
| 586-6401-201F | Red | 630 | 6 | 100 | 1000 |
| 586-6402-201F | Green | 525 | 6 | 70 | 3400 |
| 586-6403-201F | Yellow | 592 | 6 | 100 | 2000 |
| 586-6405-201F | Blue | 470 | 6 | 70 | 685 |
| 586-6406-201F | White | * | 6 | 70 | 4000 |
| 586-6401-203F | Red | 630 | 14 | 50 | 1000 |
| 586-6402-203F | Green | 525 | 14 | 40 | 3400 |
| 586-6403-203F | Yellow | 592 | 14 | 50 | 2000 |
| 586-6405-203F | Blue | 470 | 14 | 40 | 685 |
| 586-6406-203F | White | * | 14 | 40 | 4000 |
| 586-6401-205F | Red | 630 | 28 | 18 | 1000 |
| 586-6402-205F | Green | 525 | 28 | 11 | 3400 |
| 586-6403-205F | Yellow | 592 | 28 | 18 | 2000 |
| 586-6405-205F | Blue | 470 | 28 | 11 | 685 |
| 586-6406-205F | White | * | 28 | 11 | 4000 |
| 586-6401-206F | Red | 630 | 120 V AC | 9 | 500 |
| 586-6402-206F | Green | 526 | 120 V AC | 9 | 2400 |
| 586-6403-206F | Yellow | 592 | 120 V AC | 9 | 1000 |
| 586-6405-206F | Blue | 472 | 120 V AC | 9 | 565 |
| 586-6406-206F | White | * | 120 V AC | 9 | 3000 |

* Color coordinates: x=0.296, y=0.276

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# 585 Series

## Cluster Based LED - T3 1/4 Miniature Bayonet (BA9s)

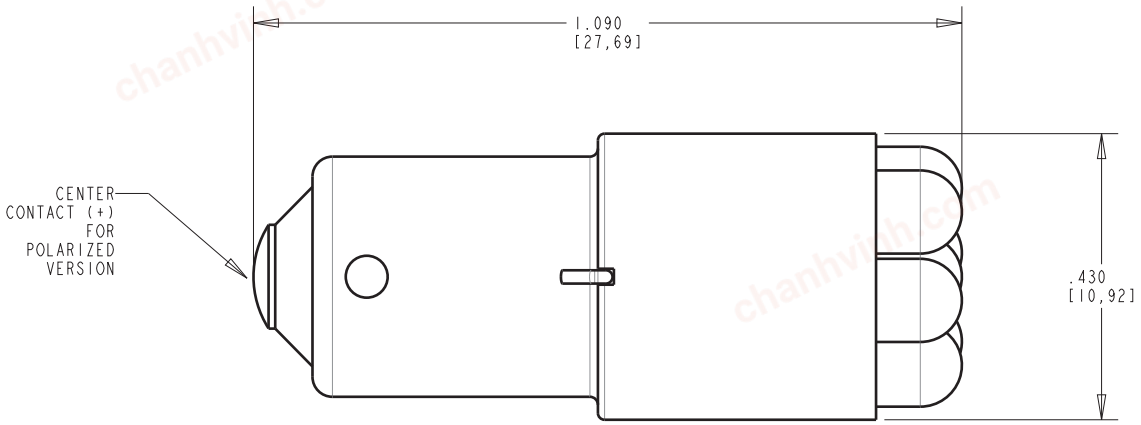


### Features/Benefits

- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mount directly into industry standard socket
- Super bright LED cluster design
- Polarized and non-polarized
- No heat generated

| Specifications | |
|---|---|
| **Base:** | T3 1/4 Miniature Bayonet (BA9s) |
| **Voltage Options:** | 6, 14 and 28 V DC; 120 V AC |
| **Operating Temp:** | -30°C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

Dialight

# 585 Series

## Cluster Based LED - T3 1/4 Miniature Bayonet (BA9s)

### Ordering Information

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| **Polarized LED Bulbs** | | | | | |
| 585-5211F | Red | 660 | 6 | 60 | 480 |
| 585-5311F | Green | 565 | 6 | 60 | 420 |
| 585-5511F | Yellow | 592 | 6 | 90 | 1800 |
| 585-5213F | Red | 660 | 14 | 40 | 480 |
| 585-5313F | Green | 565 | 14 | 40 | 420 |
| 585-5513F | Yellow | 592 | 14 | 60 | 1800 |
| 585-5215F | Red | 660 | 28 | 20 | 560 |
| 585-5315F | Green | 565 | 28 | 20 | 490 |
| 585-5515F | Yellow | 592 | 28 | 30 | 2100 |
| **Non-Polarized LED Bulbs** | | | | | |
| 585-5223F | Red | 660 | 14 | 40 | 480 |
| 585-5323F | Green | 565 | 14 | 40 | 420 |
| 585-5523F | Yellow | 592 | 14 | 60 | 1800 |
| 585-5225F | Red | 660 | 28 | 20 | 560 |
| 585-5325F | Green | 565 | 28 | 20 | 490 |
| 585-5525F | Yellow | 592 | 28 | 30 | 2100 |
| 585-5256F | Red | 660 | 120 V AC | 9 | 252 |
| 585-5356F | Green | 565 | 120 V AC | 9 | 220 |
| 585-5556F | Yellow | 585 | 120 V AC | 9 | 945 |

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# 586 Series

## Single Chip Based LED - T3 1/4 Miniature Screw (E10)

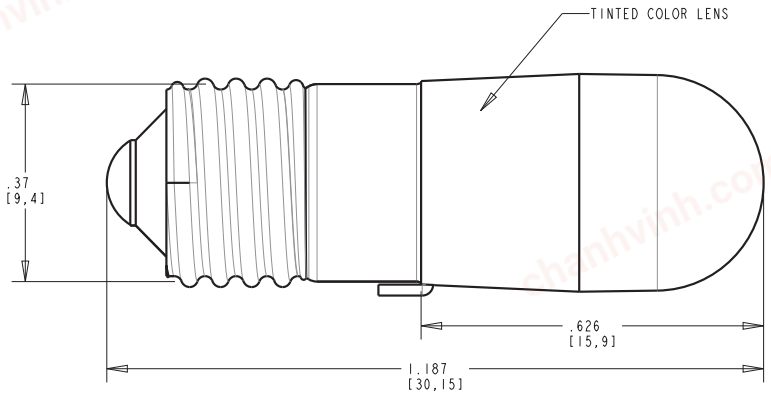


### Features / Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounting directly into industry standard socket
- True non-polarized configuration
- Super bright single chip design

| Specifications | |
|---|---|
| **Base:** | T3 1/4 Miniature Screw (E10) |
| **Voltage Options:** | 6, 14 and 28 V DC, 6-36 V DC |
| **Operating Temp:** | -30°C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

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# 586 Series

## Single Chip Based LED - T3 1/4 Miniature Screw (E10)

### Ordering Information

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| 586-2701-201F | Red | 630 | 6 | 15 | 1050 |
| 586-2702-201F | Green | 525 | 6 | 15 | 1650 |
| 586-2703-201F | Yellow | 592 | 6 | 15 | 1275 |
| 586-2705-201F | Blue | 470 | 6 | 15 | 487 |
| 586-2706-201F | White | * | 6 | 15 | 825 |
| 586-2701-203F | Red | 630 | 14 | 15 | 1050 |
| 586-2702-203F | Green | 525 | 14 | 15 | 1650 |
| 586-2703-203F | Yellow | 592 | 14 | 15 | 1275 |
| 586-2705-203F | Blue | 470 | 14 | 15 | 487 |
| 586-2706-203F | White | * | 14 | 15 | 825 |
| 586-2701-205F | Red | 630 | 28 | 7.5 | 525 |
| 586-2702-205F | Green | 525 | 28 | 7.5 | 825 |
| 586-2703-205F | Yellow | 592 | 28 | 7.5 | 637 |
| 586-2705-205F | Blue | 470 | 28 | 7.5 | 243 |
| 586-2706-205F | White | * | 28 | 7.5 | 412 |
| 586-2701-220F | Red | 630 | 6-36 | 10 | 1000 |
| 586-2702-220F | Green | 525 | 6-36 | 10 | 1500 |
| 586-2703-220F | Yellow | 592 | 6-36 | 10 | 550 |
| 586-2705-220F | Blue | 470 | 6-36 | 10 | 200 |
| 586-2706-220F | White | * | 6-36 | 10 | 650 |

* Color coordinates: x=0.330, y=0.365

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# 586 Series
## Based LED - T3 1/4 Wedge (T10)

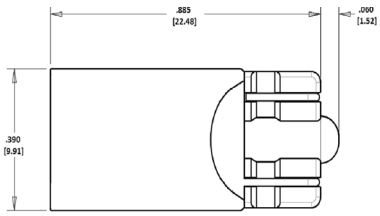


### Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- Unique multi-LED design provides superior illumination and ability
- No head generated

| Specifications | |
|---|---|
| **Base:** | T3 1/4 Wedge (T10) |
| **Voltage Options:** | 6, 12, 14 and 24 V DC |
| **Operating Temp:** | -30°C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| 586-2201-201F | Red | 615 | 6 | 69 | 770 |
| 586-2202-201F | Green | 528 | 6 | 30 | 300 |
| 586-2203-201F | Yellow | 591 | 6 | 69 | 550 |
| 586-2205-201F | Blue | 470 | 6 | 30 | 90 |
| 586-2206-201F | White | * | 6 | 30 | 630 |
| 586-2201-202F | Red | 615 | 12 | 37 | 820 |
| 586-2202-202F | Green | 528 | 12 | 19 | 380 |
| 586-2203-202F | Yellow | 591 | 12 | 37 | 590 |
| 586-2205-202F | Blue | 470 | 12 | 19 | 115 |
| 586-2206-202F | White | * | 12 | 19 | 800 |
| 586-220A-202F | White/Yellow | * / 591 | 12 | 25 | 725 |
| 586-220B-202F | White/Orange | * / 610 | 12 | 25 | 775 |
| 586-2201-203F | Red | 615 | 14 | 41 | 910 |
| 586-2202-203F | Green | 528 | 14 | 24 | 480 |
| 586-2203-203F | Yellow | 591 | 14 | 41 | 650 |
| 586-2205-203F | Blue | 470 | 14 | 24 | 145 |
| 586-2206-203F | White | * | 14 | 24 | 1000 |
| 586-220A-203F | White/Yellow | * / 591 | 14 | 25 | 725 |
| 586-220B-203F | White/Orange | * / 610 | 14 | 25 | 775 |
| 586-2201-204F | Red | 615 | 24 | 19 | 850 |
| 586-2202-204F | Green | 528 | 24 | 12 | 480 |
| 586-2203-204F | Yellow | 591 | 24 | 19 | 610 |
| 586-2205-204F | Blue | 470 | 24 | 12 | 145 |
| 586-2206-204F | White | * | 24 | 12 | 1000 |
| 586-220A-204F | White/Yellow | * / 591 | 24 | 14 | 810 |
| 586-220B-204F | White/Orange | * / 610 | 24 | 14 | 870 |

* Color coordinates: x=0.320, y=0.310

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# 586 Series

## Cluster Based LED - 15mm Bayonet (BA15s)

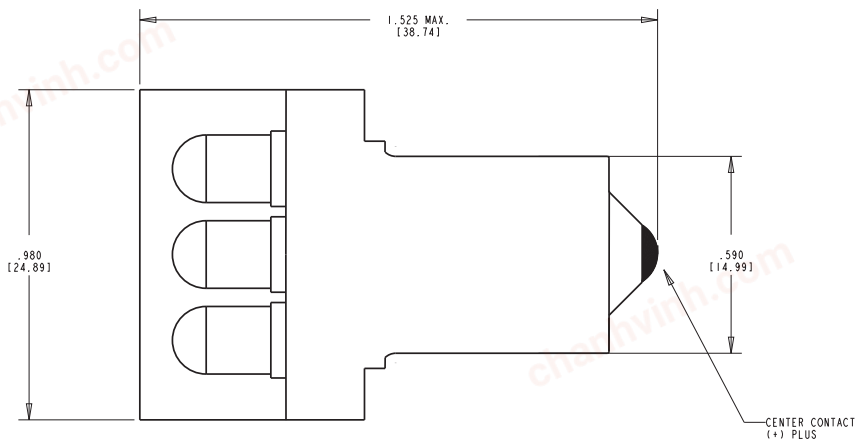


### Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- No heat generated

| Specifications | |
|---|---|
| **Base:** | 15mm Bayonet (BA15s) |
| **Voltage Options:** | 14 and 28 V DC |
| **Operating Temp:** | -30°C to +85°C (-22°F to +185°F) |
| **Storage Temp:** | -40°C to +100°C (-40°F to +212°F) |

### Dimensions




Measurements are typical
Dimension are in Inches [mm]

| Part Number | Color | Peak Wavelength (nm) | Voltage (V DC) | Current Typ. (mA) | Intensity Typ. (mcd) |
|---|---|---|---|---|---|
| Polarized LED Bulbs | | | | | |
| 586-4601-103F | Red | 639 | 14 | 30 | 17325 |
| 586-4602-103F | Green | 525 | 14 | 20 | 21000 |
| 586-4603-103F | Yellow | 594 | 14 | 30 | 17325 |
| 586-4605-103F | Blue | 470 | 14 | 20 | 6300 |
| 586-4606-103F | White | * | 14 | 20 | 23800 |
| 586-4601-105F | Red | 639 | 28 | 30 | 17325 |
| 586-4602-105F | Green | 525 | 28 | 20 | 21000 |
| 586-4603-105F | Yellow | 594 | 28 | 30 | 17325 |
| 586-4605-105F | Blue | 470 | 28 | 20 | 6300 |
| 586-4606-105F | White | * | 28 | 20 | 23800 |

* Color coordinates: x=0.310, y=0.320

Dialight

# Incandescent Lamp/Based LED

## Bulb Cross Reference

| Incandescent Lamp # | Size | Base Style | Operating Voltage (V DC) | Configuration | Dialight Based LED Part Number | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Red | Green | Yellow | Blue | White |
| 16 | T1 3/4 | Wedge Base | 6 | Polarized | 586-1A01-101 | 586-1A02-101 | 586-1A03-101 | 586-1A05-101 | 586-1A06-101 |
| | | | | Non-Polarized | 586-1201-201 | 586-1202-201 | 586-1203-201 | 586-1205-201 | 586-1206-201 |
| 17 | T1 3/4 | Wedge Base | 28 | Polarized | 586-1A01-105 | 586-1A02-105 | 586-1A03-105 | 586-1A05-105 | 586-1A06-105 |
| | | | | Non-Polarized | 586-1201-205 | 586-1202-205 | 586-1203-205 | 586-1205-205 | 586-1206-205 |
| 18 | T1 3/4 | Wedge Base | 14 | Polarized | 586-1A01-103 | 586-1A02-103 | 586-1A03-103 | 586-1A05-103 | 586-1A06-103 |
| | | | | Non-Polarized | 586-1201-203 | 586-1202-203 | 586-1203-203 | 586-1205-203 | 586-1206-203 |
| 24 | T2 | Telephone Slide (Type 3) | 24 | Non-Polarized | 586-3501 204 | 586-3502-204 | 586-3503-204 | 586-3505-204 | 586-3506-204 |
| 37 | T1 3/4 | Wedge Base | 14 | Polarized | 586-1A01-103 | 586-1A02-103 | 586-1A03-103 | 586-1A05-103 | 586-1A06-103 |
| | | | | Non-Polarized | 586-1201-203 | 586-1202-203 | 586-1203-203 | 586-1205-203 | 586-1206-203 |
| 40, 46 | T3 1/4 | Miniature Screw | 6 | Non-Polarized | 586-2701-201 | 586-2702-201 | 586-2703-201 | 586-2705-201 | 586-2706-201 |
| 44, 47 | T3 1/4 | Miniature Bayonet (BA9s) | 6 | Non-Polarized | 586-6401-201 | 586-6402-201 | 586-6403-201 | 586-6405-201 | 586-6406-201 |
| | | | | High Brightness | 586-2401-201 | 586-2402-201 | 586-2403-201 | 586-2405-201 | 586-2406-201 |
| 52 | T3 1/4 | Miniature Screw | 14 | Non-Polarized | 586-2701-203 | 586-2702-203 | 586-2703-203 | 586-2705-203 | 586-2706-203 |
| 56 | T1 3/4 | Wedge Base | 6 | Polarized | 586-1A01-101 | 586-1A02-101 | 586-1A03-101 | 586-1A05-101 | 586-1A06-101 |
| | | | | Non-Polarized | 586-1201-201 | 586-1202-201 | 586-1203-201 | 586-1205-201 | 586-1206-201 |
| 67 | G-6 | Single Contact Bayonet (BA15s) | 14 | Polarized | 586-4601-103 | 586-4602-103 | 586-4603-103 | 586-4605-103 | 586-4606-103 |
| 70, 73, 74 | T1 3/4 | Wedge Base | 14 | Polarized | 586-1A01-103 | 586-1A02-103 | 586-1A03-103 | 586-1A05-103 | 586-1A06-103 |
| | | | | Non-Polarized | 586-1201-203 | 586-1202-203 | 586-1203-203 | 586-1205-203 | 586-1206-203 |
| 79, 84 | T1 3/4 | Wedge Base | 6 | Polarized | 586-1A01-101 | 586-1A02-101 | 586-1A03-101 | 586-1A05-101 | 586-1A06-101 |
| | | | | Non-Polarized | 586-1201-201 | 586-1202-201 | 586-1203-201 | 586-1205-201 | 586-1206-201 |
| 85 | T1 3/4 | Wedge Base | 28 | Polarized | 586-1A01-105 | 586-1A02-105 | 586-1A03-105 | 586-1A05-105 | 586-1A06-105 |
| | | | | Non-Polarized | 586-1201-205 | 586-1202-205 | 586-1203-205 | 586-1205-205 | 586-1206-205 |
| 86 | T1 3/4 | Wedge Base | 6 | Polarized | 586-1A01-101 | 586-1A02-101 | 586-1A03-101 | 586-1A05-101 | 586-1A06-101 |
| | | | | Non-Polarized | 586-1201-201 | 586-1202-201 | 586-1203-201 | 586-1205-201 | 586-1206-201 |
| 93, 97, 98, 105 | G-6 / S-8 | Single Contact Bayonet (BA15s) | 14 | Polarized | 586-4601-103 | 586-4602-103 | 586-4603-103 | 586-4605-103 | 586-4606-103 |
| 124 | T3 1/4 | Wedge Base | 14 | Non-Polarized | 586-2201-203 | 586-2202-203 | 586-2203-203 | 586-2205-203 | 586-2206-203 |
| 152 | T3 1/4 | Wedge Base | 28 | Non-Polarized | 586-2201-205 | 586-2202-205 | 586-2203-205 | 586-2205-205 | 586-2206-205 |
| 158, 161, 168 | T3 1/4 | Wedge Base | 14 | Non-Polarized | 586-2201-203 | 586-2202-203 | 586-2203-203 | 586-2205-203 | 586-2206-203 |
| 159 | T3 1/4 | Wedge Base | 6 | Non-Polarized | 586-2201-201 | 586-2202-201 | 586-2203-201 | 586-2205-201 | 586-2206-201 |
| 181 | T3 1/4 | Miniature Bayonet (BA9s) | 14 | Non-Polarized | 586-6401-203 | 586-6402-203 | 586-6403-203 | 586-6405-203 | 586-6406-203 |
| | | | | High Brightness | 586-2401-203 | 586-2402-203 | 586-2403-203 | 586-2405-203 | 586-2406-203 |
| 184, 193, 194 | T3 1/4 | Wedge Base | 14 | Non-Polarized | 586-2201-203 | 586-2202-203 | 586-2203-203 | 586-2205-203 | 586-2206-203 |
| 199 | S-8 | Single Contact Bayonet (BA15s) | 14 | Polarized | 586-4601-103 | 586-4602-103 | 586-4603-103 | 586-4605-103 | 586-4606-103 |

Dialight

# Incandescent Lamp/Based LED

## Bulb Cross Reference

| Incandescent Lamp # | Size | Base Style | Operating Voltage (V DC) | Configuration | Dialight Based LED Part Number | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Red | Green | Yellow | Blue | White |
| 216 | T3 1/4 | Miniature Bayonet (BA9s) | 14 | Non-Polarized High Brightness | 586-6401-203 | 586-6402-203 | 586-6403-203 | 586-6405-203 | 586-6406-203 |
| | | | | Non-Polarized | 586-2401-203 | 586-2402-203 | 586-2403-203 | 586-2405-203 | 586-2406-203 |
| 259 | T3 1/4 | Wedge Base | 6 | Non-Polarized | 586-2201-201 | 586-2202-201 | 586-2203-201 | 586-2205-201 | 586-2206-201 |
| 303, 305, 307, 315 | S-8 | Single Contact Bayonet (BA15s) | 28 | Polarized | 586-4601-105 | 586-4602-105 | 586-4603-105 | 586-4605-105 | 586-4606-105 |
| 313 | T3 1/4 | Miniature Bayonet (BA9s) | 28 | Non-Polarized High Brightness | 586-6401-205 | 586-6402-205 | 586-6403-205 | 586-6405-205 | 586-6406-205 |
| | | | | Non-Polarized | 586-2401-205 | 586-2402-205 | 586-2403-205 | 586-2405-205 | 586-2406-205 |
| 327 | T1 3/4 | Midget Flange | 28 | Polarized | 586-1101-105 | 586-1102-105 | 586-1103-105 | 586-1105-105 | 586-1106-105 |
| 328 | T1 3/4 | Midget Flange | 6 | Polarized | 586-1101-101 | 586-1102-101 | 586-1103-101 | 586-1105-101 | 586-1106-101 |
| 330 | T1 3/4 | Midget Flange | 14 | Polarized | 586-1101-103 | 586-1102-103 | 586-1103-103 | 586-1105-103 | 586-1106-103 |
| 345, 349, 350 | T1 3/4 | Midget Flange | 6 | Polarized | 586-1101-101 | 586-1102-101 | 586-1103-101 | 586-1105-101 | 586-1106-101 |
| 376 | T1 3/4 | Midget Flange | 28 | Polarized | 586-1101-105 | 586-1102-105 | 586-1103-105 | 586-1105-105 | 586-1106-105 |
| 377, 380, 381 | T1 3/4 | Midget Flange | 6 | Polarized | 586-1101-101 | 586-1102-101 | 586-1103-101 | 586-1105-101 | 586-1106-101 |
| 382 | T1 3/4 | Midget Flange | 14 | Polarized | 586-1101-103 | 586-1102-103 | 586-1103-103 | 586-1105-103 | 586-1106-103 |
| 385, 387 | T1 3/4 | Midget Flange | 28 | Polarized | 586-1101-105 | 586-1102-105 | 586-1103-105 | 586-1105-105 | 586-1106-105 |
| 394 | T1 3/4 | Midget Flange | 14 | Polarized | 586-1101-103 | 586-1102-103 | 586-1103-103 | 586-1105-103 | 586-1106-103 |
| 400, 464, 585, 655, 656, 657 | T3 1/4 | Wedge Base | 28 | Non-Polarized | 586-2201-205 | 586-2202-205 | 586-2203-205 | 586-2205-205 | 586-2206-205 |
| 658 | T3 1/4 | Wedge Base | 14 | Non-Polarized | 586-2201-203 | 586-2202-203 | 586-2203-203 | 586-2205-203 | 586-2206-203 |
| 444, 447 | T3 1/4 | Wedge Base | 6 | Non-Polarized | 586-2201-201 | 586-2202-201 | 586-2203-201 | 586-2205-201 | 586-2206-201 |
| 502 | T3 1/4 | Miniature Screw | 6 | Non-Polarized | 586-2701-201 | 586-2702-201 | 586-2703-201 | 586-2705-201 | 586-2706-201 |
| 555 | T3 1/4 | Wedge Base | 6 | Non-Polarized | 586-2201-201 | 586-2202-201 | 586-2203-201 | 586-2205-201 | 586-2206-201 |
| 623 | G-6 | Single Contact Bayonet (BA15s) | 28 | Polarized | 586-4601-105 | 586-4602-105 | 586-4603-105 | 586-4605-105 | 586-4606-105 |
| 631 | G-6 | Single Contact Bayonet (BA15s) | 14 | Polarized | 586-4601-103 | 586-4602-103 | 586-4603-103 | 586-4605-103 | 586-4606-103 |
| 755 | T3 1/4 | Miniature Bayonet (BA9s) | 6 | Non-Polarized High Brightness | 586-6401-201 | 586-6402-201 | 586-6403-201 | 586-6405-201 | 586-6406-201 |
| | | | | Non-Polarized | 586-2401-201 | 586-2402-201 | 586-2403-201 | 586-2405-201 | 586-2406-201 |
| 756 | T3 1/4 | Miniature Bayonet (BA9s) | 14 | Non-Polarized High Brightness | 586-6401-203 | 586-6402-203 | 586-6403-203 | 586-6405-203 | 586-6406-203 |
| | | | | Non-Polarized | 586-2401-203 | 586-2402-203 | 586-2403-203 | 586-2405-203 | 586-2406-203 |
| 757 | T3 1/4 | Miniature Bayonet (BA9s) | 28 | Non-Polarized High Brightness | 586-6401-205 | 586-6402-205 | 586-6403-205 | 586-6405-205 | 586-6406-205 |
| | | | | Non-Polarized | 586-2401-205 | 586-2402-205 | 586-2403-205 | 586-2405-205 | 586-2406-205 |
| 1003, 1093, 1095, 1141, 1155, 1156, 1159 | B-6/ S-8 | Single Contact Bayonet (BA15s) | 14 | Polarized | 586-4601-103 | 586-4602-103 | 586-4603-103 | 586-4605-103 | 586-4606-103 |

Dialight

# Incandescent Lamp/Based LED

## Bulb Cross Reference

| Incandescent Lamp # | Size | Base Style | Operating Voltage | Configuration | Dialight Based LED Part Number | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Red | Green | Yellow | Blue | White |
| 1203, 1251 | S-8 | Single Contact Bayonet (BA15s) | 28 | Polarized | 586-4601-105 | 586-4602-105 | 586-4603-105 | 586-4605-105 | 586-4606-105 |
| 1295 | S-8 | Single Contact Bayonet (BA15s) | 14 | Polarized | 586-4601-103 | 586-4602-103 | 586-4603-103 | 586-4605-103 | 586-4606-103 |
| 1308 | B-6 | Single Contact Bayonet (BA15s) | 28 | Polarized | 586-4601-105 | 586-4602-105 | 586-4603-105 | 586-4605-105 | 586-4606-105 |
| 1446, 1481, 1487 | T3 1/4 | Miniature Screw | 14 | Non-Polarized | 586-2701-203 | 586-2702-203 | 586-2703-203 | 586-2705-203 | 586-2706-203 |
| 1488 | T3 1/4 | Miniature Bayonet (BA9s) | 14 | Non-Polarized High Brightness | 586-6401-203 | 586-6402-203 | 586-6403-203 | 586-6405-203 | 586-6406-203 |
| | | | | Non-Polarized | 586-2401-203 | 586-2402-203 | 586-2403-203 | 586-2405-203 | 586-2406-203 |
| 1591, 1665, 1683, 1691 | S-8 | Single Con-tact Bayonet (BA15s) | 28 | Polarized | 586-4601-105 | 586-4602-105 | 586-4603-105 | 586-4605-105 | 586-4606-105 |
| 1813, 1815 | T3 1/4 | Miniature Bayonet (BA9s) | 14 | Non-Polarized High Brightness | 586-6401-203 | 586-6402-203 | 586-6403-203 | 586-6405-203 | 586-6406-203 |
| | | | | Non-Polarized | 586-2401-203 | 586-2402-203 | 586-2403-203 | 586-2405-203 | 586-2406-203 |
| 1819, 1820 | T3 1/4 | Miniature Bayonet (BA9s) | 28 | Non-Polarized High Brightness | 586-6401-205 | 586-6402-205 | 586-6403-205 | 586-6405-205 | 586-6406-205 |
| | | | | Non-Polarized | 586-2401-205 | 586-2402-205 | 586-2403-205 | 586-2405-205 | 586-2406-205 |
| 1821 | T3 1/4 | Miniature Screw | 28 | Non-Polarized | 586-2701-205 | 586-2702-205 | 586-2703-205 | 586-2705-205 | 586-2706-205 |
| 1829, 1843 | T3 1/4 | Miniature Bayonet (BA9s) | 28 | Non-Polarized High Brightness | 586-6401-205 | 586-6402-205 | 586-6403-205 | 586-6405-205 | 586-6406-205 |
| | | | | Non-Polarized | 586-2401-205 | 586-2402-205 | 586-2403-205 | 586-2405-205 | 586-2406-205 |
| 1847, 1850, 1866 | T3 1/4 | Miniature Bayonet (BA9s) | 6 | Non-Polarized High Brightness | 586-6401-201 | 586-6402-201 | 586-6403-201 | 586-6405-201 | 586-6406-201 |
| | | | | Non-Polarized | 586-2401-201 | 586-2402-201 | 586-2403-201 | 586-2405-201 | 586-2406-201 |
| 1864, 1873 | T3 1/4 | Miniature Bayonet (BA9s) | 28 | Non-Polarized High Brightness | 586-6401-205 | 586-6402-205 | 586-6403-205 | 586-6405-205 | 586-6406-205 |
| | | | | Non-Polarized | 586-2401-205 | 586-2402-205 | 586-2403-205 | 586-2405-205 | 586-2406-205 |
| 1889, 1891, 1892, 1893, 1894, 1898 | T3 1/4 | Miniature Bayonet (BA9s) | 14 | Non-Polarized High Brightness | 586-6401-203 | 586-6402-203 | 586-6403-203 | 586-6405-203 | 586-6406-203 |
| | | | | Non-Polarized | 586-2401-203 | 586-2402-203 | 586-2403-203 | 586-2405-203 | 586-2406-203 |
| 2232, 2233 | S-8 | Single Contact Bayonet (BA15s) | 28 | Polarized | 586-4601-105 | 586-4602-105 | 586-4603-105 | 586-4605-105 | 586-4606-105 |
| 2306 | T1 3/4 | Bi-Pin | 6 | Polarized | 586-1301-101 | 586-1302-101 | 586-1303-101 | 586-1305-101 | 586-1306-101 |
| 2312, 2314 | T1 3/4 | Bi-Pin | 28 | Polarized | 586-1301-105 | 586-1302-105 | 586-1303-105 | 586-1305-105 | 586-1306-105 |
| 2323 | T1 3/4 | Bi-Pin | 6 | Polarized | 586-1301-101 | 586-1302-101 | 586-1303-101 | 586-1305-101 | 586-1306-101 |
| 2324, 2325 | T1 3/4 | Bi-Pin | 28 | Polarized | 586-1301-105 | 586-1302-105 | 586-1303-105 | 586-1305-105 | 586-1306-105 |

Dialight

# Panel Mount Indicators

## Relampable Lamp Holders and Caps



### 250 & 508 Holders use 507 Cartridges and 515 Connectors

**Mounting Hole Size:** 3/8'' (9.53mm)
**Light Source:** Neon Cartridge
Incandescent Cartridge
LED Cartridge
**Available Colors:** Red, Yellow, White, Clear, Green
**Voltage:** 105-125V AC/DC (Neon)
10, 14 , 28, 48, 120V DC (Incandescent & LED)
**Termination:** Bi-Pins, Solder, turret
**Mounting Style:** Front or Rear
*For more information please go to www.dialight.com



### 004 Holder uses 004 Caps and 113 Caps

**Mounting Hole Size:** 15/32" (11.91mm)
**Light Source:** T1 3/4 Midget Flange
**Available Colors:** Red, Clear
**Voltage:** 1.35-28V
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 101 Holder uses 101 Caps, 111 Caps, 140 Caps

**Mounting Hole Size:** 15/32" (11.91mm)
**Light Source:** T1 3/4 Midget Flange
**Available Colors:** Red, Yellow, White, Clear, Green
**Voltage:** 1.35-28V
**Termination:** Solder
**Mounting Style:** Front or Rear
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 812 Holder uses 812 Caps

**Mounting Hole Size:** 15/32" (11.91mm)
**Light Source:** T1 3/4 Midget Flange
**Available Colors:** Red, Yellow, White, Clear, Green
**Voltage:** 1.35-28V
**Termination:** Solder
**Mounting Style:** Rear
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available

Dialight

# Panel Mount Indicators

## Relampable Lamp Holders and Caps



### 137 Holder uses 137 caps

**Mounting Hole Size:** 15/32' (11.91mm)
**Light Source:** T2 Neon Midget Flange
**Available Colors:** Red, Yellow, White, Clear
**Voltage:** 105-125V AC/DC
**Termination:** Solder
**Mounting Style:** Front
*For more information please go to www.dialight.com



### 162 Holder uses 162 caps

**Mounting Hole Size:** 15/32" (11.91mm)
**Light Source:** T1 3/4 Midget Flange
**Available Colors:** Red, Green, Yellow, White, Clear
**Voltage:** 1.35-28V
**Termination:** Solder
**Mounting Style:** Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 177 Holder uses 177 caps

**Mounting Hole Size:** 15/32" (11.91mm)
**Light Source:** T1 3/4 Midget Flange
**Available Colors:** Red, Green, Yellow, White, Clear
**Voltage:** 1.35-28V
**Termination:** Solder
**Mounting Style:** Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 270 Holder uses 270 caps, 271 Holder uses 271 caps

**Mounting Hole Size:** 15/32" (11.91mm)
**Light Source:** T1 3/4 Midget Flange Incandescent
**Available Colors:** Red, Green, Yellow, Clear
**Voltage:** 1.35-28V
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 021 Series

**Mounting Hole Size:** 11/16'' (17.46mm)
**Light Source:** T3 1/4 Miniature Bayonet (BA9s)
**Available Colors:** Clear
**Voltage:** 2-120V
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available

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# Panel Mount Indicators

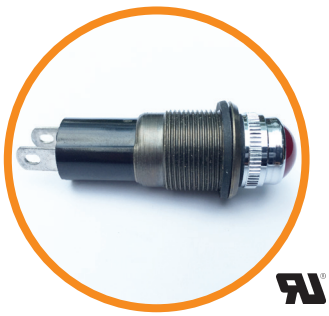
## Relampable Lamp Holders and Caps



### 081 Holder uses 081 Caps, 052 Caps, 095 Caps, 135 Caps

**Mounting Hole Size:** 11/16'' (17.46mm)
**Light Source:** T3 1/4 Miniature Neon Bayonet
**Available Colors:** Red, Yellow, White, Clear
**Voltage:** 105-125V AC/DC
**Termination:** Solder or Screw
**Mounting Style:** Front

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 125 Holder uses 125 Caps

**Mounting Hole Size:** 11/16'' (17.46mm)
**Light Source:** T3 1/4 Miniature Bayonet (BA9s)
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 2-120V
**Termination:** Solder or Screw
**Mounting Style:** Front

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 125 Holder uses 125 Caps

**Mounting Hole Size:** 11/16'' (17.46mm)
**Light Source:** T3 1/4 Miniature Neon Bayonet
**Available Colors:** Red, Yellow, White, Clear
**Voltage:** 105-125 AC/DC
**Termination:** Solder or Screw, Quick-Connect
**Mounting Style:** Front

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 123 Holder uses 123 Caps

**Mounting Hole Size:** 11/16'' (17.46mm)
**Light Source:** T3 1/4 Miniature Bayonet (BA9s)
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 2-120V
**Termination:** Solder or Screw
**Mounting Style:** Front

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 095 Holder uses 095 caps, 135 caps

**Mounting Hole Size:** 11/16'' (17.46mm)
**Light Source:** T3 1/4 Miniature Bayonet (BA9s)
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 2-120V
**Termination:** Solder or Screw, Quick-Connect
**Mounting Style:** Front

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available

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# 081 Series
## Jewel Cap Lens Panel Mount Indicators



## Application

Dialight's 081 Series Jewel Cap is designed to give all your applications a nice clean retro look. These lenses are designed for a variety of applications such as:

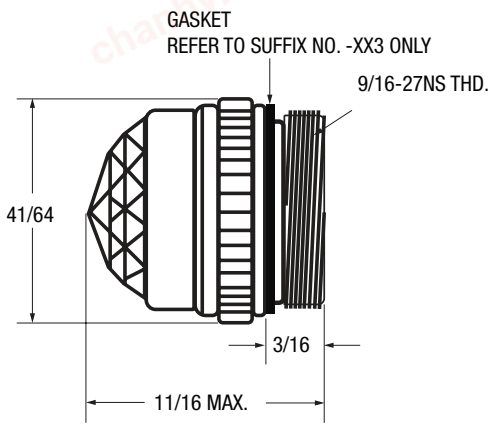
- Musical equipment
- Amplifiers
- Main and remote power indication
- Instrumentation

… and many more!

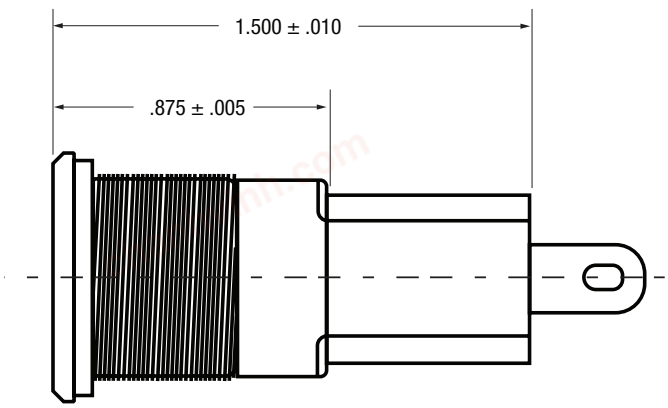
## Dimensions

inches [mm]

LENS




BASE




### Lens Information

#### Mechanical

| | |
|---|---|
| **Mounting Torque:** | 3 in/lbs |
| **Thread:** | 9/16 - 27NS |
| **Lens Material:** | Polycarbonate |

### Housing Information

#### Mechanical

| | |
|---|---|
| **Mounting Hole Size:** | 0.5875" (17.46 mm) |
| **Mounting Torque:** | 20 in/lbs |

#### Specifications

| | |
|---|---|
| **Electrical Connection:** | Solder Terminals, Screw Terminals |
| **Terminals:** | Nickel—Tin Plated |
| **Lock Washer:** | Steel—Zinc Plated |
| **Nut:** | Brass—Nickel Plated |

RoHS COMPLIANT

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialightsignalsandcomponents.com

Warranty Statement: Except for the warranty expressly provided for at: https://www.dialight.com/resources/warranties/, Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

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## Ordering Information 081 Series

### Jewel Cap Lens

| Dialight P/N | Watertight P/N | Color | Plating |
|---|---|---|---|
| 081-0431-100 | | Red | White Nickel |
| 081-0431-300 | 081-0431-303 | | Polished Chrome |
| 081-0432-100 | | Green | White Nickel |
| 081-0432-300 | 081-0432-303 | | Polished Chrome |
| 081-0433-100 | | Yellow | White Nickel |
| 081-0433-200 | | | Black Nickel |
| 081-0433-300 | 081-0433-303 | | Polished Chrome |
| 081-0434-100 | | Blue | White Nickel |
| 081-0434-300 | 081-0434-303 | | Polished Chrome |
| 081-0435-100 | | White | White Nickel |
| 081-0435-300 | 081-0435-303 | | Polished Chrome |
| 081-0436-100 | | Light Yellow | White Nickel |
| 081-0437-100 | | Clear | White Nickel |
| 081-0437-300 | 081-0437-303 | | Polished Chrome |

### Housing/Base Options

| Dialight P/N | Termination | Bulb Type | Bulb Size |
|---|---|---|---|
| 095-0410-09-102 | Solder Terminals | Incandecent | T-3 1/4 |
| 095-0410-09-301 | Solder Terminals | | |
| 095-1310-09-101 | Screw Terminals | | |
| 095-1310-09-301 | Screw Terminals | | |
| 081-0408-01-140 | Solder Terminals | Neon | |
| 081-0408-01-341 | Solder Terminals | | |
| 081-1308-01-341 | Screw Terminals | | |

Dialight

# Panel Mount Indicators

## Relampable Lamp Holders and Caps



### 031 Holder uses 031 Caps

**Mounting Hole Size:** 1" (25.40mm)
**Light Source:** S-6 Candelabra Screw Incandescent
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 6-250V AC/DC
**Termination:** Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com



### 051 Holder uses 051 Caps

**Mounting Hole Size:** 1" (25.40mm)
**Light Source:** T3 1/4 Miniature Bayonet (BA9s)
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 2-120V
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 080 Holder uses 080 Caps, 051 Caps

**Mounting Hole Size:** 1" (25.40mm)
**Light Source:** S-6 Candelabra Screw Incandescent
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 6-250V AC/DC
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com



### 103 Holder uses 103 Caps

**Mounting Hole Size:** 1" (25.40mm)
**Light Source:** S-6 Candelabra Screw Incandescent
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 6-250V AC/DC
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com



### 103 Holder uses 103 Caps

**Mounting Hole Size:** 1" (25.40mm)
**Light Source:** S-6 Double Contact Bayonet
**Available Colors:** Red, Yellow, Green, White, Clear
**Voltage:** 24-250V AC/DC
**Termination:** Solder or Screw
**Mounting Style:** Front
*For more information please go to www.dialight.com

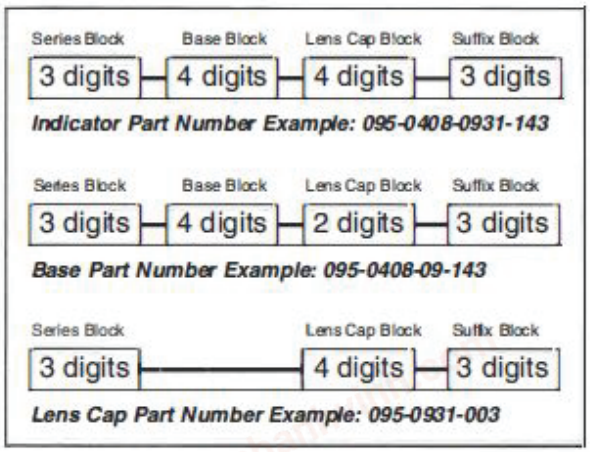
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Dialight

# Neon & Incandescent

## Panel Mount Indicator Part Numbering System

Dialight Neon and Incandescent Panel Mount Indicators are available as complete assemblies from our distributor partners or from us as separate lens cap and base. Our Part Numbering System shown below describes how valid Dialight part numbers are configured. The Dialight Part Numbering System should not be used for creating part numbers since not all combinations are able to be manufactured. Please consult Dialight or our stocking distributors for those items not found in this catalog.




**STEP 1** — **Lens Shape and Material**

095 – 0408 – [09] 31 – 143

095 – [09] 31 – 003

The first two digits in the Lens Cap Block of the indicator, base or cap part numbers designate the lens shape and material. In this example, 09 = plastic stovepipe.

| Lens Code | Description |
|---|---|
| 00 | Rectangular, plastic |
| 01 | Convex, polycarbonate |
| 02 | Flat, polycarbonate |
| 03 | Flat, plastic |
| 04 | Convex, faceted, polycarbonate |
| 05 | Torpedo, polycarbonate |
| 06 | Convex, plastic |
| 08 | Dome, plastic |
| 09 | Stovepipe, plastic |
| 11 | Stovepipe, polycarbonate with bezel |
| 12 | Dome, polycarbonate |
| 13 | Torpedo faceted, polycarbonate |
| 14 | Short cylindrical, plastic |
| 15 | Long cylindrical, plastic |
| 16 | Long cylindrical, fresnel, plastic |
| 18 | Square, plastic |
| 21 | Faceted, plastic |
| 29 | Light shield |
| 31 | Stovepipe, polycarbonate |
| 32 | Short cylindrical, polycarbonate |
| 33 | Short cylindrical, fresnel, plastic |
| 34 | Rectangular, plastic |
| 35 | Short cylindrical, fresnel, polycarbonate |
| 37 | Short stovepipe, fresnel, plastic |
| 50 | Black opaque side wall |

**STEP 2** — **Lens Finish and Color**

095 – 0408 – 09 [31] – 143

The third and fourth digits of the Lens Cap Block designate the lens finish and color respectively. In this example, 31 = a transparent red lens.

**Lens Finish**
- 1 – Back Frosted*
- 3 – Unfrosted or Transparent
- 5 – Light Translucent
- 7 – Dark Translucent**
- 9 – Internal Fluting

**Lens Color**
- 1 – Red
- 2 – Green
- 3 – Yellow (Amber)
- 4 – Blue
- 5 – White
- 6 – Light Yellow
- 7 – Clear (Colorless)

* Not available with Lens Color Option 5 (White)

** Not available with Lens Color Option 7 (Clear/Colorless)

**STEP 3** — **Metal Finish**

095 – 0408 – 0931 – [1] 43

The first digit of the Suffix Block designates metal finish. In this example, 1 = white nickel plated metal finish.

**Metal Finish**
- 0 – None
- 1 – White Nickel
- 2 – Black Nickel
- 3 – Polished Chrome
- 4 – Satin Chrome
- 5 – Black Anodized
- 6 – Clear Anodized
- 7 – Chromate

**STEP 4** — **Built-in Resistor**

095 – 0408 – 0931 – 1 [4] 3

The second digit of the Suffix Block designates built-in resistor. In this neon indicator example, 4 = 56K internal resistor.

- 0 – None
- 1 – 2K
- 2 – 27K
- 3 – 33K
- 4 – 56K
- 6 – 68K
- 7 – 100K

**STEP 5** — **Hardware**

095 – 0408 – 0931 – 14 [3]

The third digit of the Suffix Block designates type of hardware. In this example, 3 = watertight.

- 0 – None
- 1 – Brass
- 2 – Steel
- 3 – Watertight
- 4 – Aluminum
- 5 – Three rings
- 6 – Ring, lockwasher, nut
- 7 – Insulated mounting

Dialight

# Military Panel Mount Indicators

**LHC** = lampholder with cap
**LH** = lampholder only
**LC** = lens cap only
All indicators must meet or exceed Military specifications.
All lamps are daylight viewable.



## 359 Series LH73/1, LC11

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Green, Yellow |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



## 360 Series LH73/1, LC11, LC12, LC29

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Green, Yellow |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



## 361 Series LH74/1, LC13

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T2 (C7A) Neon |
| **Available Colors:** | Red, Yellow, Clear |
| **Voltage:** | 120 VAC/DC |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |

*For more information please go to www.dialight.com



## 363 Series LH73/2, LC25

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Yellow, Clear |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available

Dialight

# Panel Mount Indicators
## Military

**LHC** = lampholder with cap
**LH** = lampholder only
**LC** = lens cap only
All indicators must meet or exceed Military specifications.
All lamps are daylight viewable.



### 367 Series LH89/1, LC35

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Green, Yellow |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Oiltight |

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 368 and 369 Series LH89/1, LC36, LC37

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Green, Yellow |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Oiltight |

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 800 Series MS25041

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Green, Yellow |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Press to Test |

*For more information please go to www.dialight.com
*See page 74-76 for Based LED Bulbs Available



### 801 Series MS25041

| | |
|---|---|
| **Mounting Hole Size:** | 15/32" (11.91mm) |
| **Light Source:** | T1 3/4 Midget |
| **Available Colors:** | Red, Green, Yellow |
| **Voltage:** | 2.7-28V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Press to Test |

*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available

Dialight

# Panel Mount Indicators
## Military

**LHC** = lampholder with cap
**LH** = lampholder only
**LC** = lens cap only
All indicators must meet or exceed Military specifications.
All lamps are daylight viewable.



### 803 Series MS25331

**Mounting Hole Size:** 5/8" (15.88mm)
**Light Source:** T3 1/4 Mini Bayonet (BA9s)
**Available Colors:** Red, Green, Yellow, Clear, Blue
**Voltage:** 2.7-28V
**Termination:** Solder Tabs
**Mounting Style:** Nut and Washer
**Relampable:** Yes
**Features:** Press to Test
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 804 Series MS25331

**Mounting Hole Size:** 5/8" (15.88mm)
**Light Source:** T3 1/4 Mini Bayonet
**Available Colors:** Red, Green, Yellow, Clear, Blue
**Voltage:** 2.7-28V
**Termination:** Solder Tabs
**Mounting Style:** Nut and Washer
**Relampable:** Yes
**Features:** Press to Test
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



### 373 Series LH76/1, LH 6/2, LH76/3, LC14

**Mounting Hole Size:** 11/16" (17.46mm)
**Light Source:** T3 1/4 Neon, T3 1/4 Mini Bayonet (BA9s)
**Available Colors:** Red, Green, Yellow, White, Clear, Blue
**Voltage:** 2-120V
**Termination:** Solder Tabs
**Mounting Style:** Nut and Washer
**Relampable:** Yes
**Features:** Watertight Lens available for Semi and blackout
*For more information please go to www.dialight.com



### 375 Series LH76/1, LH7 6/2, LH7 6/3, LC17

**Mounting Hole Size:** 11/16" (17.46mm)
**Light Source:** T3 1/4 Neon, T3 1/4 Mini Bayonet (BA9s)
**Available Colors:** Red, Green, Yellow, White, Clear, Blue
**Voltage:** 2-120V
**Termination:** Solder Tabs
**Mounting Style:** Nut and Washer
**Relampable:** Yes
**Features:** Watertight Lens available for Semi and blackout
*For more information please go to www.dialight.com

Dialight

# Panel Mount Indicators
## Military

**LHC** = lampholder with cap
**LH** = lampholder only
**LC** = lens cap only
All indicators must meet or exceed Military specifications.
All lamps are daylight viewable.



### 376 Series LH76/1, LH76/2, LH76/3, LC14, LC17, LC18

| | |
|---|---|
| **Mounting Hole Size:** | 11/16" (17.46mm) |
| **Light Source:** | T3 1/4 Neon, T3 1/4 Mini Bayonet (BA9s) |
| **Available Colors:** | Red, Green, Yellow, White, Clear, Blue |
| **Voltage:** | 2-120V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Watertight Lens available for Semi and blackout |

*For more information please go to www.dialight.com



### 378 Series LH79/1, LC21

| | |
|---|---|
| **Mounting Hole Size:** | 1" (25.40mm) |
| **Light Source:** | S-6 Double Contact Bayonet |
| **Available Colors:** | Red, Green, Yellow, White, Clear, Blue |
| **Voltage:** | S6-32V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Lens available for Semi and blackout |

*For more information please go to www.dialight.com



### 379 Series LH79/1, LC24

| | |
|---|---|
| **Mounting Hole Size:** | 1" (25.40mm) |
| **Light Source:** | S-6 Double Contact Bayonet |
| **Available Colors:** | Red, Green, Yellow, White, Clear, Blue |
| **Voltage:** | 24-250V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Lens available for Semi and blackout |

*For more information please go to www.dialight.com



### 380 and 381 Series LH80/1, LC24

| | |
|---|---|
| **Mounting Hole Size:** | 1" (25.40mm) |
| **Light Source:** | S-6 Double Contact Bayonet |
| **Available Colors:** | Red, Green, Yellow, White, Clear, Blue |
| **Voltage:** | 24-250V |
| **Termination:** | Solder Tabs |
| **Mounting Style:** | Nut and Washer |
| **Relampable:** | Yes |
| **Features:** | Lens available for Semi and blackout |

*For more information please go to www.dialight.com

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# Military cross reference guide

## LC and LH, MS Military Designations to Dialight Part Numbers

## Military Specification

### MIL-DTL-3661C-Lampholders, Indicator Lights, Indicator-Light Housings, Indicator-Light Lenses

| Military Designation | Dialight Part No. |
|---|---|
| LC11BN2 | 178-0334-500 |
| LC11BT2 | 178-0374-500 |
| LC11CN2 | *178-0337-500 |
| LC11GN2 | 178-0332-500 |
| LC11GT2 | 178-0372-500 |
| LC11RN2 | *178-0331-500 |
| LC11RT2 | 178-0371-500 |
| LC11WT2 | 178-0375-500 |
| LC11YN2 | *178-0333-500 |
| LC11YT2 | 178-0373-500 |
| LC12BN2 | 162-0934 |
| LC12BT2 | 162-0974 |
| LC12CN2 | *162-0937 |
| LC12GN2 | 162-0932 |
| LC12GT2 | 162-0972 |
| LC12RN2 | *162-0931 |
| LC12RT2 | 162-0971 |
| LC12WT2 | 162-0975 |
| LC12YN2 | *162-0933 |
| LC12YT2 | 162-0973 |
| LC13CN2 | *137-0937 |
| LC13RN2 | *137-0931 |
| LC13WT2 | *137-0935 |
| LC13YN2 | *137-0933 |
| LC14BD3 | 081-0114-203 |
| LC14BN3 | 081-0134-203 |
| LC14CD3 | 081-0117-203 |
| LC14CN3 | *081-0137-203 |
| LC14GD3 | 081-0112-203 |
| LC14GN3 | 081-0132-203 |
| LC14RD3 | 081-0111-203 |
| LC14RN3 | *081-0131-203 |
| LC14WT3 | *081-0135-203 |
| LC14YD3 | 081-0113-203 |
| LC14YN3 | *081-0133-203 |
| LC15BD3 | 026-1114-203 |
| LC15BN3 | 026-1134-203 |
| LC15CN3 | *026-1137-203 |
| LC15GD3 | 026-1112-203 |
| LC15GN3 | 026-1132-203 |
| LC15RD3 | 026-1111-203 |
| LC15RN3 | *026-1131-203 |
| LC15WT3 | *026-1135-203 |
| LC15YD3 | 026-1113-203 |
| LC15YN3 | *026-1133-203 |
| LC16BN3 | 026-1194-203 |
| LC16CN3 | *026-1197-203 |
| LC16GN3 | 026-1192-203 |
| LC16RN3 | *026-1191-203 |
| LC16WT3 | *026-1195-203 |
| LC16YN3 | *026-1193-203 |
| LC17BD3 | 203-0114-203 |
| LC17BN3 | 203-0134-203 |
| LC17CD3 | 203-0117-203 |
| LC17CN3 | *203-0137-203 |
| LC17GD3 | 203-0112-203 |
| LC17GN3 | 203-0132-203 |
| LC17RD3 | 203-0111-203 |
| LC17RN3 | *203-0131-203 |
| LC17WT3 | *203-0135-203 |
| LC17YD3 | 203-0113-203 |
| LC17YN3 | *203-0133-203 |
| LC18BD3 | 204-0114-203 |
| LC18BN3 | 204-0134-203 |
| LC18CD3 | 204-0117-203 |
| LC18CN3 | *204-0137-203 |
| LC18GD3 | 204-0112-203 |
| LC18GN3 | 204-0132-203 |
| LC18RD3 | 204-0111-203 |
| LC18RN3 | *204-0131-203 |
| LC18YD3 | 204-0113-203 |
| LC18YN3 | *204-0133-203 |
| LC19BD3 | 169-1114-203 |
| LC19BN3 | 169-1134-203 |
| LC19CD3 | 169-1117-203 |
| LC19CN3 | *169-1137-203 |
| LC19GD3 | 169-1112-203 |
| LC19GN3 | 169-1132-203 |
| LC19RD3 | 169-1111-203 |
| LC19RN3 | *169-1131-203 |
| LC19WT3 | *169-1135-203 |
| LC19YD3 | 169-1113-203 |
| LC19YN3 | *169-1133-203 |
| LC20BN3 | 169-1194-203 |
| LC20CN3 | *169-1197-203 |
| LC20GN3 | 169-1192-203 |
| LC20RN3 | *169-1191-203 |
| LC20WT3 | *169-1195-203 |
| LC20YN3 | *169-1193-203 |
| LC21BD3 | 051-0114-203 |
| LC21BN3 | 051-0134-203 |
| LC21CD3 | 051-0117-203 |
| LC21CN3 | *051-0137-203 |
| LC21GD3 | 051-0112-203 |
| LC21GN3 | 051-0132-203 |
| LC21RD3 | 051-0111-203 |
| LC21RN3 | *051-0131-203 |
| LC21WT3 | *051-0135-203 |
| LC21YD3 | 051-0113-203 |
| LC21YN3 | *051-0133-203 |
| LC22BD3 | 080-0514-203 |
| LC22BN3 | 080-0534-203 |
| LC22CD3 | 080-0517-203 |
| LC22CN3 | *080-0537-203 |
| LC22GD3 | 080-0512-203 |
| LC22GN3 | 080-0532-203 |
| LC22RD3 | 080-0511-203 |
| LC22RN3 | *080-0531-203 |
| LC22WT3 | *080-0535-203 |
| LC22YD3 | 080-0513-203 |
| LC22YN3 | *080-0533-203 |
| LC23BD3 | 209-0114-203 |
| LC23BN3 | 209-0134-203 |
| LC23CD3 | 209-0117-203 |
| LC23CN3 | *209-0137-203 |
| LC23GD3 | 209-0112-203 |
| LC23GN3 | 209-0132-203 |
| LC23RD3 | 209-0111-203 |
| LC23RN3 | *209-0131-203 |
| LC23WT3 | *209-0135-203 |
| LC23YD3 | 209-0113-203 |
| LC23YN3 | *209-0133-203 |
| LC24BD3 | 210-0114-203 |
| LC24BN3 | 210-0134-203 |
| LC24CD3 | 210-0117-203 |
| LC24CN3 | *210-0137-203 |
| LC24GD3 | 210-0112-203 |
| LC24GN3 | 210-0132-203 |
| LC24RD3 | 210-0111-203 |
| LC24RN3 | *210-0131-203 |
| LC24WT3 | *210-0135-203 |
| LC24YD3 | 210-0113-203 |
| LC24YN3 | *210-0133-203 |
| LC25BN2 | 239-0334-500 |
| LC25BT2 | 239-0374-500 |
| LC25CN2 | *239-0337-500 |
| LC25GN2 | 239-0332-500 |
| LC25GT2 | 239-0372-500 |
| LC25RN2 | *239-0331-500 |
| LC25RT2 | 239-0371-500 |
| LC25WT2 | 239-0375-500 |
| LC25YN2 | *239-0333-500 |
| LC25YT2 | 239-0373-500 |
| LC29BN2 | 162-1434 |
| LC29BT2 | 162-1474 |
| LC29CN2 | *162-1437 |
| LC29GN2 | 162-1432 |
| LC29GT2 | 162-1472 |
| LC29RN2 | *162-1431 |
| LC29RT2 | 162-1471 |
| LC29WT2 | 162-1475 |
| LC29YN2 | *162-1433 |
| LC29YT2 | 162-1473 |
| LC30BN3 | 250-3534-500 |
| LC30GN3 | 250-3532-500 |
| LC30RN3 | 250-3531-500 |
| LC30WT3 | 250-3535-500 |
| LC30YN3 | 250-3533-500 |
| LC32BT2 | 250-1474-500 |
| LC32GT2 | 250-1472-500 |
| LC32RT2 | 250-1471-500 |
| LC32WT2 | 250-1475-500 |
| LC32YT2 | 250-1473-500 |
| LC33CN2 | *130-0937-003 |
| LC33RN2 | *130-0931-003 |
| LC33WT2 | *130-0935-003 |
| LC33YN2 | *130-0933-003 |
| LC34CN2/DO2 | *271-0171 |

***Can be used with Based LED Replacement Lamps***

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## Military Specification

### MIL-DTL-3661C-Lampholders, Indicator Lights, Indicator-Light Housings, Indicator-Light Lenses

| Military Designation | Dialight Part No. |
|---|---|
| LC34CN2/SO2 | *271-0272 |
| LC34EN2/DO2 | *271-0111 |
| LC34EN2 /EN2 | *271-3111 |
| LC34EN2/SO2 | *271-0212 |
| LC35BN2 | 128-0934-003 |
| LC35BT2 | 128-0974-003 |
| LC36GD2 | 160-0112-203 |
| LC36RD2 | 160-0111-203 |
| LC36YD2 | 160-0113-203 |
| LC37BD2 | 161-0114-203 |
| LC37CD2 | 161-0117-203 |
| LC37GD2 | 161-0112-203 |
| LC37RD2 | 161-0111-203 |
| LC37YD2 | 161-0113-203 |
| LH73/1 | 359-8430-09-502 |
| LH73/2 | 362-8430-09-702 |
| LH74/1 | 361-8836-09-552 |
| LH74/2 | 361-8864-09-522 |
| LH74/3 | 364-8836-09-752 |
| LH74/4 | 364-8864-09-722 |
| LH76/1 | 373-0408-01-273 |
| LH76/2 | 373-0463-01-223 |
| LH76/3 | 373-0410-01-203 |
| LH77/1 | 377-0408-11-273 |
| LH77/2 | 377-0463-11-223 |
| LH77/3 | 377-0410-11-203 |
| LH79/1 | 378-3404-01-203 |
| LH80/1 | 378-3402-01-203 |
| LH88/1 | 366-8836-09-553 |
| LH88/2 | 366-8864-09-523 |
| LH89/1 | 367-8430-09-503 |
| LH90/1 | 370-8738-504 |
| LH90/2 | 371-8738-14-504 |
| LH90/3 | 371-8760-14-504 |
| LH92/1 | 271-8430-702 |
| LHC82/1BT2 | 252-9951-0974 |
| LHC82/1CN2 | 252-9951-0937 |
| LHC82/1GT2 | 252-9951-0972 |
| LHC82/1RT2 | 252-9951-0971 |
| LHC82/1WT2 | 252-9951-0975 |
| LHC82/1YT2 | 252-9951-0973 |
| MS18235-1BT | 507-3909-1474-600 |
| MS18235-1CN | 507-3909-1437-600 |
| MS18235-1GT | 507-3909-1472-600 |
| MS18235-1RT | 507-3909-1471-600 |
| MS18235-1WT | 507-3909-1475-600 |
| MS18235-1YT | 507-3909-1473-600 |
| MS18235-2BT | 507-3914-1474-600 |
| MS18235-2CN | 507-3914-1437-600 |
| MS18235-2GT | 507-3914-1472-600 |
| MS18235-2RT | 507-3914-1471-600 |
| MS18235-2WT | 507-3914-1475-600 |
| MS18235-2YT | 507-3914-1473-600 |
| MS18235-3BT | 507-3918-1474-600 |
| MS18235-3CN | 507-3918-1437-600 |
| MS18235-3GT | 507-3918-1472-600 |
| MS18235-3RT | 507-3918-1471-600 |
| MS18235-3WT | 507-3918-1475-600 |
| MS18235-3YT | 507-3918-1473-600 |
| MS18236-1CN | 507-5338-0937-630 |
| MS18236-1RN | 507-5338-0931-630 |
| MS18236-1WT | 507-5338-0935-630 |
| MS18236-1YN | 507-5338-0933-630 |
| MS18236-2CN | 507-5337-0937-670 |
| MS18236-2RN | 507-5337-0931-670 |
| MS18236-2WT | 507-5337-0935-670 |
| MS18236-2YN | 507-5337-0933-670 |
| MS18237-1CN | 507-5338-1537-630 |
| MS18237-1RN | 507-5338-1531-630 |
| MS18237-1WT | 507-5338-1535-630 |
| MS18237-1YN | 507-5338-1533-630 |
| MS18237-2CN | 507-5337-1537-670 |
| MS18237-2RN | 507-5337-1531-670 |
| MS18237-2WT | 507-5337-1535-670 |
| MS18237-2YN | 507-5337-1533-670 |
| MS18238-1 | 507-6022-1437-600 |
| MS18238-2 | 507-6023-1437-600 |
| MS25256-2 | *162-8430-0933-502 |
| MS25256-4 | 162-8430-0932-502 |
| MS25256-6 | *162-8430-0931-502 |
| MS25256-8 | *162-8430-0937-502 |
| MS25256-10 | 162-8430-0975-502 |
| MS25256-12 | 162-8430-0934-502 |
| MS25257-2 | 137-8836-0933-552 |
| MS25257-4 | 137-8836-0931-552 |
| MS25257-6 | 137-8836-0937-552 |
| MS25446-2** | 252-9951-0974 |
| MS25446-3** | 252-9951-0972 |
| MS25446-4** | 252-9951-0971 |
| MS25446-5** | 252-9951-0975 |
| MS25446-6** | 252-9951-0973 |
| MS25446-7** | 252-9951-0937 |

***** See LHC82/1***

## Military Specification

### MIL-L-7806-Light, Panel Plastic Plate Lighting

| | | |
|---|---|---|
| MS25010A11A *270-1930-0111-702 | MS25010B11A *270-1830-0111-702 | MS25010C11B *271-8430-0111-702 |
| MS25010A12A *270-1930-0171-702 | MS25010B12A *270-1830-0171-702 | MS25010C12B *271-8430-0171-702 |
| MS25010A13A *270-1930-3111-702 | MS25010B13A *270-1830-3111-702 | MS25010C13B *271-8430-3111-702 |
| MS25010A14A CONSULT FACTORY | MS25010B14A CONSULT FACTORY | MS25010C14B *271-8430-3171-702 |
| MS25010A15A *270-1930-0212-702 | MS25010B15A *270-1830-0212-702 | MS25010C15B *271-8430-0212-702 |
| MS25010A16A *270-1930-0272-702 | MS25010B16A *270-1830-0272-702 | MS25010C16B *271-8430-0272-702 |

## Military Specification

### MIL-L-7961C-Light, Indicator, Press-to-Test

| | | |
|---|---|---|
| MS25041-1 *801-1030-0337-504 | MS25041-7 800-1030-0332-504 | MS25331-3 804-1710-0332-504 |
| MS25041-2 *801-1030-0331-504 | MS25041-8 *800-1030-0333-504 | MS25331-4 804-1710-0333-504 |
| MS25041-3 801-1030-0332-504 | MS25041-10 801-1030-0334-504 | MS25331-5 803-1710-0337-504 |
| MS25041-4 *801-1030-0333-504 | MS25041-11 800-1030-0334-504 | MS25331-6 803-1710-0331-504 |
| MS25041-5 *800-1030-0337-504 | MS25331-1 804-1710-0337-504 | MS25331-7 803-1710-0332-504 |
| MS25041-6 *800-1030-0331-504 | MS25331-2 804-1710-0331-504 | MS25331-8 803-1710-0333-504 |

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