

# Dialight

## 556 Series

### High Intensity LED Panel Mount Indicators for 1" Mounting Hole Watertight - NEMA4X IP66



#### FEATURES / BENEFITS

- ▲ Daylight viewable
- ▲ Safety standards - UL and NEMA
- ▲ Tamperproof / Designed for high durability
- ▲ Long life, lasting up to 100k hours
- ▲ Uniform illumination - multi-LED construction
- ▲ Lens options:
  - Low profile flat
  - Wide angle domed

#### APPLICATIONS

The 556 Series LED Panel Mount Indicators incorporate both InGaP 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
- Vending, gaming
- Lane control
- Display lighting
- Transportation - rail, bus, airline
- ... and many more!

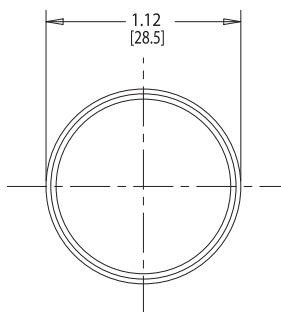
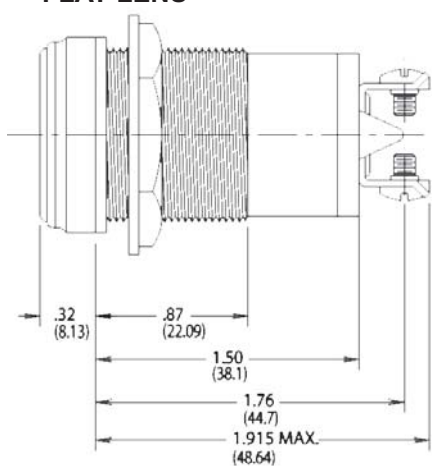
#### SPECIFICATIONS

- ▲ Available in red, yellow, green, blue, white, orange and cyan
- ▲ Voltage range of 12 to 125 VDC, 125 and 230 VAC
- ▲ Watertight seal from front of panel meets NEMA 4X IP66
  - Maximum Mounting Torque - 40 in./lb.
- ▲ Housing material: Nickel plated brass
- ▲ Lens material: Polycarbonate 94 - VO

- ▲ UL recognized - File #E156890
- ▲ Front mounting in 1" clearance hole
- ▲ Operating temperature: -30°C to +85°C
- ▲ Storage temperature: -40°C to +100°C

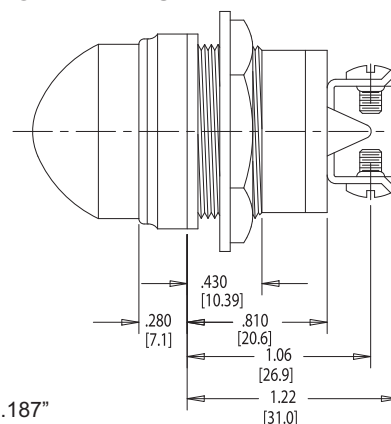
Dimensions in inches [mm]  
All measurements are typical

##### FLAT LENS



Max. panel thickness:  
Flat .600" Dome .187"

##### DOMED LENS



Polarity marking indicated on housing  
near positive supply terminal

Please see back of page for part numbers and additional specifications.

Dialight reserves the right to make changes at any time  
in order to supply the best product possible.

**Dialight Corporation**

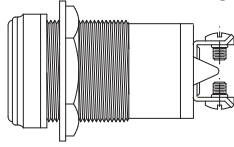
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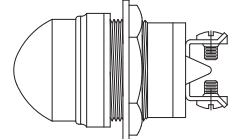
## 556 Series High Intensity LED Panel Mount Indicators for 1" Mounting Hole Watertight - NEMA4X IP66



### FLAT LENS - 12 AND 24 VDC

| PART NUMBER   | COLOR  | VOLTAGE (VDC) | CURRENT (mA) | Typical LUMINANCE (fL) |
|---------------|--------|---------------|--------------|------------------------|
| 556-1003-304F | White  | 12            | 60           | 4000                   |
| 556-1503-304F | Red    | 12            | 95           | 3000                   |
| 556-1603-304F | Green  | 12            | 60           | 4000                   |
| 556-1683-304F | Cyan   | 12            | 60           | 4000                   |
| 556-1703-304F | Yellow | 12            | 95           | 3000                   |
| 556-1803-304F | Blue   | 12            | 60           | 1200                   |
| 556-1903-304F | Orange | 12            | 95           | 3000                   |
| 556-1004-304F | White  | 24            | 32           | 4000                   |
| 556-1504-304F | Red    | 24            | 46           | 3000                   |
| 556-1604-304F | Green  | 24            | 32           | 4000                   |
| 556-1684-304F | Cyan   | 24            | 32           | 4000                   |
| 556-1704-304F | Yellow | 24            | 46           | 3000                   |
| 556-1804-304F | Blue   | 24            | 32           | 1200                   |
| 556-1904-304F | Orange | 24            | 46           | 1200                   |

### DOME LENS - 12 AND 24 VDC



| PART NUMBER   | COLOR  | VOLTAGE (VDC) | CURRENT (mA) | Typical LUMINANCE (fL) |
|---------------|--------|---------------|--------------|------------------------|
| 556-3003-304F | White  | 12            | 60           | 1200                   |
| 556-3503-304F | Red    | 12            | 95           | 1300                   |
| 556-3603-304F | Green  | 12            | 60           | 1800                   |
| 556-3683-304F | Cyan   | 12            | 60           | 1800                   |
| 556-3703-304F | Yellow | 12            | 95           | 1300                   |
| 556-3803-304F | Blue   | 12            | 60           | 480                    |
| 556-3903-304F | Orange | 12            | 95           | 480                    |
| 556-3004-304F | White  | 24            | 32           | 1200                   |
| 556-3504-304F | Red    | 24            | 46           | 1300                   |
| 556-3604-304F | Green  | 24            | 32           | 1800                   |
| 556-3684-304F | Cyan   | 24            | 32           | 1800                   |
| 556-3704-304F | Yellow | 24            | 46           | 1300                   |
| 556-3804-304F | Blue   | 24            | 32           | 480                    |
| 556-3904-304F | Orange | 24            | 46           | 480                    |

### FLAT LENS - 125 AND 230 VAC

| PART NUMBER   | COLOR  | VOLTAGE (VAC) | CURRENT (mA) | Typical LUMINANCE (fL) |
|---------------|--------|---------------|--------------|------------------------|
| 556-1005-304F | White  | 125           | 9            | 1800                   |
| 556-1505-304F | Red    | 125           | 10.5         | 1200                   |
| 556-1605-304F | Green  | 125           | 9.5          | 1800                   |
| 556-1685-304F | Cyan   | 125           | 9.5          | 1800                   |
| 556-1705-304F | Yellow | 125           | 10.5         | 1200                   |
| 556-1805-304F | Blue   | 125           | 9.5          | 500                    |
| 556-1905-304F | Orange | 125           | 10.5         | 500                    |
| 556-1009-304F | White  | 230           | 7            | 1800                   |
| 556-1509-304F | Red    | 230           | 7            | 1200                   |
| 556-1609-304F | Green  | 230           | 7            | 1800                   |
| 556-1709-304F | Yellow | 230           | 7            | 1200                   |
| 556-1809-304F | Blue   | 230           | 7            | 500                    |
| 556-1909-304F | Orange | 230           | 7            | 1800                   |

### DOME LENS - 125 AND 230 VAC

| PART NUMBER   | COLOR  | VOLTAGE (VAC) | CURRENT (mA) | Typical LUMINANCE (fL) |
|---------------|--------|---------------|--------------|------------------------|
| 556-3005-304F | White  | 125           | 9            | 700                    |
| 556-3505-304F | Red    | 125           | 10.5         | 500                    |
| 556-3605-304F | Green  | 125           | 9.5          | 700                    |
| 556-3685-304F | Cyan   | 125           | 9.5          | 700                    |
| 556-3705-304F | Yellow | 125           | 10.5         | 500                    |
| 556-3805-304F | Blue   | 125           | 9.5          | 180                    |
| 556-3905-304F | Orange | 125           | 10.5         | 180                    |
| 556-3009-304F | White  | 230           | 7            | 700                    |
| 556-3509-304F | Red    | 230           | 7            | 500                    |
| 556-3609-304F | Green  | 230           | 7            | 700                    |
| 556-3709-304F | Yellow | 230           | 7            | 500                    |
| 556-3809-304F | Blue   | 230           | 7            | 180                    |
| 556-3909-304F | Orange | 230           | 7            | 180                    |

Other voltages are available.  
Please contact our factory for more information.

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