



### Certifications & Ratings

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

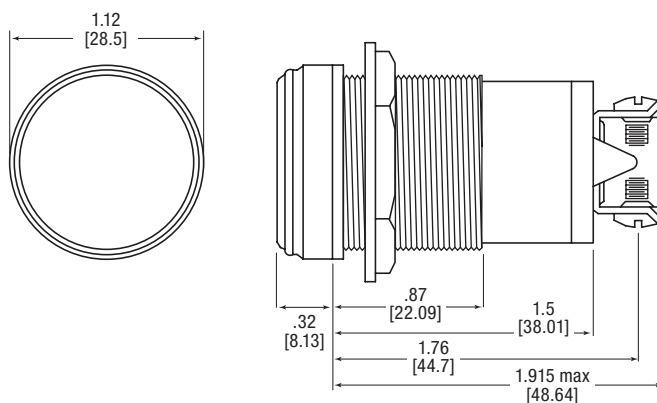
### Application

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!

### Dimensions

inches [mm]



### 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 VDC, and 125, 230 VAC (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



## Ordering Information

### 556 Series — Daylight Viewable

#### Part Number Guide 556 Series

RoHS Compliant

|   |   |   |   |   |        |     |         |          |                    |       |   |   |
|---|---|---|---|---|--------|-----|---------|----------|--------------------|-------|---|---|
| 5 | 5 | 6 | - | 1 | X      | X   | X       | -        | X                  | 1     | 4 | F |
|   |   |   |   |   |        |     | Voltage |          |                    |       |   |   |
|   |   |   |   |   | Color  |     | 3       | 12 VDC   |                    |       |   |   |
|   |   |   |   |   | Red    | 5 0 | 4       | 24 VDC   |                    |       |   |   |
|   |   |   |   |   | Green  | 6 0 | 8       | 37.5 VDC | Plating            |       |   |   |
|   |   |   |   |   | Cyan   | 6 8 | 6       | 72 VDC   | 2                  | Black |   |   |
|   |   |   |   |   | Yellow | 7 0 | 7       | 125 VDC* | 3                  | White |   |   |
|   |   |   |   |   | Blue   | 8 0 | 5       | 125 VAC* |                    |       |   |   |
|   |   |   |   |   | Orange | 9 0 | 9       | 230 VDC* | *white nickel only |       |   |   |

| White Nickel  | Black Nickel  | Color  | Voltage  | Typ Current (mA) | Typical Intensity (mcd) |
|---------------|---------------|--------|----------|------------------|-------------------------|
| 556-1503-314F | 556-1503-214F | Red    | 12 VDC   | 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 VDC   | 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 VDC | 20               | 26,750                  |
| 556-1608-314F | 556-1608-214F | Green  |          | 16               | 80,000                  |
| 556-1708-314F | 556-1708-214F | Yellow | 72 VDC   | 20               | 18,000                  |
| 556-1506-314F | 556-1506-214F | Red    |          | 18.5             | 20,500                  |
| 556-1606-314F | 556-1606-214F | Green  | 125 VDC  | 16               | 65,500                  |
| 556-1706-314F | 556-1706-214F | Yellow |          | 20               | 15,000                  |
| 556-1507-314F | —             | Red    | 125 VDC  | 10               | 14,000                  |
| 556-1607-314F | —             | Green  |          |                  | 44,750                  |
| 556-1707-314F | —             | Yellow |          |                  | 8,250                   |
| 556-1505-314F | —             | Red    | 125 VAC  | 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 VAC  | 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                  |

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](http://www.dialightsignalsandcomponents.com)

**Warranty Statement:** Except for the warranty expressly provided for [herein/above/below], 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.