



## 609 Series

### LED Panel Mount Indicators for 9.35mm Mounting Hole w/ Optional Watertight Capability



#### FEATURES / BENEFITS

- ▲ RoHS compliant\*
- ▲ Long Life - typically 100K hours
- ▲ Low power consumption - uses up to 90% less energy than an incandescent indicator
- ▲ No heat generated
- ▲ Colors include red, green, and yellow
- ▲ Front panel mounting
- ▲ LED can be recessed or protrude from housing (see figure below)
- ▲ Available Watertight version: NEMA 4x/IP66

#### APPLICATIONS

Dialight's 600 series of metric indicators are designed for a variety of applications such as:

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

#### SPECIFICATIONS

- ▲ Voltage requirements: 6, 12 and 24 VDC (no resistor required)
- ▲ Electrical connection through solder terminals
- ▲ Mounting hole size: 0.368 inches [9.35 mm]
- ▲ Maximum panel thickness:  
0.376 inches [9.50mm]  
w/ Gasket: 0.318 inches [8.0mm]
- ▲ Mounts with lock washer and nut  
(0.362 lbs/ft or 5 Kg/cm torque recommended)
- ▲ Operating Temperature : -30°C to +85°C
- ▲ Storage Temperature: -40°C to + 85°C
- ▲ Housing Material: Chrome plated brass or  
Black painted brass  
(See ordering note on back)
- ▲ Watertight Seal from front of panel meets  
NEMA 4X/IP66

FIG. 1

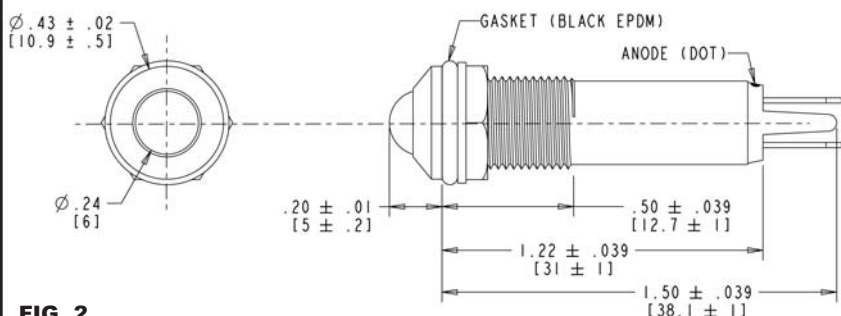
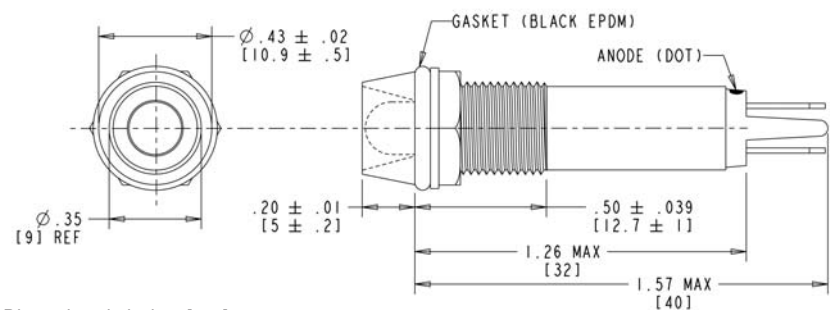


FIG. 2



Dimensions in inches [mm]  
All measurements are typical

\*Compliant with exemption 6c, lead used as an alloying element in brass (up to 4% by weight)

#### Dialight Europe Ltd

Exning Road • Newmarket • Suffolk, United Kingdom, CB8 0AX

Tel : +44 (0)1638 666541 • [www.dialight.com](http://www.dialight.com)



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



#### Dialight Corporation

1501 Route 34 South • Farmingdale, NJ 07727 USA

Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • [www.dialight.com](http://www.dialight.com)



MDEL609X001\_E

## STANDARD VERSIONS

| Part Number*  | Color  | Voltage (VDC) | Intensity** TYP. (mcd) | LED Positions | Fig. |
|---------------|--------|---------------|------------------------|---------------|------|
| 609-1122-120F | Red    | 6             | 60                     | Protruding    | 1    |
| 609-1222-120F | Green  | 6             | 110                    | Protruding    | 1    |
| 609-1322-120F | Yellow | 6             | 90                     | Protruding    | 1    |
| 609-1122-130F | Red    | 12            | 60                     | Protruding    | 1    |
| 609-1222-130F | Green  | 12            | 110                    | Protruding    | 1    |
| 609-1322-130F | Yellow | 12            | 90                     | Protruding    | 1    |
| 609-1122-140F | Red    | 24            | 60                     | Protruding    | 1    |
| 609-1222-140F | Green  | 24            | 110                    | Protruding    | 1    |
| 609-1322-140F | Yellow | 24            | 90                     | Protruding    | 1    |
| 609-2122-120F | Red    | 6             | 60                     | Recessed      | 2    |
| 609-2222-120F | Green  | 6             | 110                    | Recessed      | 2    |
| 609-2322-120F | Yellow | 6             | 90                     | Recessed      | 2    |
| 609-2122-130F | Red    | 12            | 60                     | Recessed      | 2    |
| 609-2222-130F | Green  | 12            | 110                    | Recessed      | 2    |
| 609-2322-130F | Yellow | 12            | 90                     | Recessed      | 2    |
| 609-2122-140F | Red    | 24            | 60                     | Recessed      | 2    |
| 609-2222-140F | Green  | 24            | 110                    | Recessed      | 2    |
| 609-2322-140F | Yellow | 24            | 90                     | Recessed      | 2    |

## WATERTIGHT VERSIONS

| Part Number*  | Color  | Voltage (VDC) | Intensity** TYP. (mcd) | LED Positions | Fig. |
|---------------|--------|---------------|------------------------|---------------|------|
| 609-1122-320F | Red    | 6             | 60                     | Protruding    | 1    |
| 609-1222-320F | Green  | 6             | 110                    | Protruding    | 1    |
| 609-1322-320F | Yellow | 6             | 90                     | Protruding    | 1    |
| 609-1122-330F | Red    | 12            | 60                     | Protruding    | 1    |
| 609-1222-330F | Green  | 12            | 110                    | Protruding    | 1    |
| 609-1322-330F | Yellow | 12            | 90                     | Protruding    | 1    |
| 609-1122-340F | Red    | 24            | 60                     | Protruding    | 1    |
| 609-1222-340F | Green  | 24            | 110                    | Protruding    | 1    |
| 609-1322-340F | Yellow | 24            | 90                     | Protruding    | 1    |
| 609-2122-320F | Red    | 6             | 60                     | Recessed      | 2    |
| 609-2222-320F | Green  | 6             | 110                    | Recessed      | 2    |
| 609-2322-320F | Yellow | 6             | 90                     | Recessed      | 2    |
| 609-2122-330F | Red    | 12            | 60                     | Recessed      | 2    |
| 609-2222-330F | Green  | 12            | 110                    | Recessed      | 2    |
| 609-2322-330F | Yellow | 12            | 90                     | Recessed      | 2    |
| 609-2122-340F | Red    | 24            | 60                     | Recessed      | 2    |
| 609-2222-340F | Green  | 24            | 110                    | Recessed      | 2    |
| 609-2322-340F | Yellow | 24            | 90                     | Recessed      | 2    |

\*Also available in Chrome-plated brass housing. Insert "1" into the 6th position for the part number to designate chrome housing.

Ex: 609-1112-120F

\*\*15 mA current

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

### Dialight Europe Ltd

Exning Road • Newmarket • Suffolk, United Kingdom, CB8 0AX

Tel :+44 (0)1638 666541 • www.dialight.com



### Dialight Corporation

1501 Route 34 South • Farmingdale, NJ 07727 USA

Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com



MDEL609X001\_E