

# Dialight

## 607 Series

### LED Panel Mount Indicators for 7.2mm Mounting Hole w/ Optional Watertight Capability



- ▲ Voltage requirements:  
2 VDC (current limiting resistor required)  
6, 12, 24 VDC (no resistor required)
- ▲ Electrical connection through solder terminals
- ▲ Mounting hole size: 0.283 inches (7.2 mm)
- ▲ Maximum panel thickness:  
(see reverse side)
- ▲ Mounts with lock washer and nut  
0.362 lbs/ft or 5 Kg/cm torque recommended  
  
0.217 lbs/ft or 3 Kg/cm torque recommended (Figure 5 only)
- ▲ Operating Temperature : -30°C to +85°C
- ▲ Storage Temperature: -40°C to +85°C
- ▲ Housing Material:  
Protruding & Recessed positions:  
Chrome plated brass or  
Internal Position:  
Polycarbonate to match emitting color -  
(Figure 5)
- ▲ Watertight Seal from front of panel meets  
NEMA 4X/IP66

## FEATURES / BENEFITS

- ▲ RoHS compliant\*
- ▲ Long Life - typically 100K hours
- ▲ Lower Power consumption - uses up to 90% less energy than an incandescent indicator
- ▲ No heat generated
- ▲ Colors include red, green and yellow
- ▲ Front panel mounting
- ▲ Available Watertight Version: NEMA 4X/ IP66
- ▲ Chrome or plastic housing:  
LED Positions: (See Figures below)  
Protruding (Fig 1,2)  
Recessed (Fig 3,4)  
Internal (Fig 5)

## SPECIFICATIONS

FIG. 1

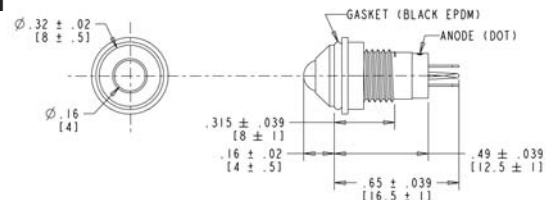


FIG. 2

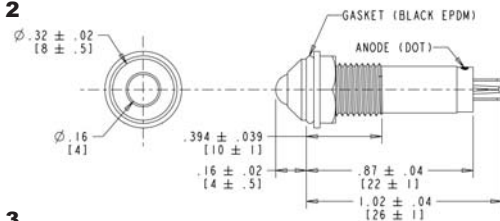


FIG. 3

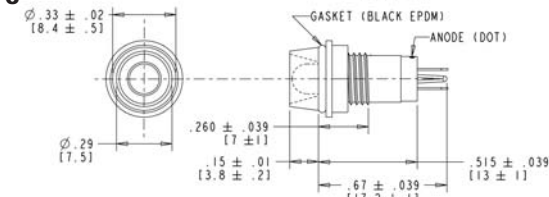


FIG. 4

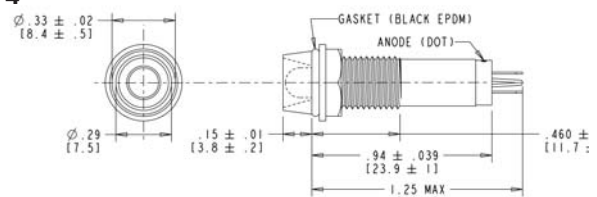
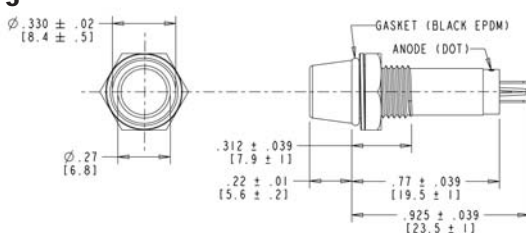


FIG. 5



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 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 665161 • 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



MDEL607X001\_D

## STANDARD VERSIONS

| Part Number   | Color  | Voltage (VDC) | Intensity* TYP. (mcd) | LED Positions | Fig. | Panel Thickness    |
|---------------|--------|---------------|-----------------------|---------------|------|--------------------|
| 607-1112-110F | Red    | 2             | 22                    | Protuding     | 1    | 0.187"<br>(4.75mm) |
| 607-1212-110F | Green  | 2             | 50                    | Protuding     | 1    |                    |
| 607-1312-110F | Yellow | 2             | 66                    | Protuding     | 1    |                    |
| 607-1112-120F | Red    | 6             | 22                    | Protuding     | 2    | 0.265"<br>(6.75mm) |
| 607-1212-120F | Green  | 6             | 50                    | Protuding     | 2    |                    |
| 607-1312-120F | Yellow | 6             | 66                    | Protuding     | 2    |                    |
| 607-1112-130F | Red    | 12            | 22                    | Protuding     | 2    |                    |
| 607-1212-130F | Green  | 12            | 50                    | Protuding     | 2    |                    |
| 607-1312-130F | Yellow | 12            | 66                    | Protuding     | 2    | 0.136"<br>(3.50mm) |
| 607-2112-110F | Red    | 2             | 22                    | Recessed      | 3    |                    |
| 607-2212-110F | Green  | 2             | 50                    | Recessed      | 3    |                    |
| 607-2312-110F | Yellow | 2             | 66                    | Recessed      | 3    | 0.336"<br>(8.50mm) |
| 607-2112-120F | Red    | 6             | 22                    | Recessed      | 4    |                    |
| 607-2212-120F | Green  | 6             | 50                    | Recessed      | 4    |                    |
| 607-2312-120F | Yellow | 6             | 66                    | Recessed      | 4    |                    |
| 607-2112-130F | Red    | 12            | 22                    | Recessed      | 4    |                    |
| 607-2212-130F | Green  | 12            | 50                    | Recessed      | 4    |                    |
| 607-2312-130F | Yellow | 12            | 66                    | Recessed      | 4    |                    |
| 607-3132-120F | Red    | 6             | 20                    | Internal      | 5    | 0.187"<br>(4.75mm) |
| 607-3232-120F | Green  | 6             | 45                    | Internal      | 5    |                    |
| 607-3332-120F | Yellow | 6             | 60                    | Internal      | 5    |                    |
| 607-3132-130F | Red    | 12            | 20                    | Internal      | 5    |                    |
| 607-3232-130F | Green  | 12            | 45                    | Internal      | 5    |                    |
| 607-3332-130F | Yellow | 12            | 60                    | Internal      | 5    |                    |
| 607-3132-140F | Red    | 24            | 20                    | Internal      | 5    |                    |
| 607-3232-140F | Green  | 24            | 45                    | Internal      | 5    |                    |
| 607-3332-140F | Yellow | 24            | 60                    | Internal      | 5    |                    |

## WATERTIGHT VERSIONS

| Part Number   | Color  | Voltage (VDC) | Intensity* TYP. (mcd) | LED Positions | Fig. | Panel Thickness    |
|---------------|--------|---------------|-----------------------|---------------|------|--------------------|
| 607-1112-310F | Red    | 2             | 22                    | Protuding     | 1    | 0.147"<br>(3.75mm) |
| 607-1212-310F | Green  | 2             | 50                    | Protuding     | 1    |                    |
| 607-1312-310F | Yellow | 2             | 66                    | Protuding     | 1    |                    |
| 607-1112-320F | Red    | 6             | 22                    | Protuding     | 2    | 0.226"<br>(5.75mm) |
| 607-1212-320F | Green  | 6             | 50                    | Protuding     | 2    |                    |
| 607-1312-320F | Yellow | 6             | 66                    | Protuding     | 2    |                    |
| 607-1112-330F | Red    | 12            | 22                    | Protuding     | 2    |                    |
| 607-1212-330F | Green  | 12            | 50                    | Protuding     | 2    |                    |
| 607-1312-330F | Yellow | 12            | 66                    | Protuding     | 2    | 0.096"<br>(2.50mm) |
| 607-2112-310F | Red    | 2             | 22                    | Recessed      | 3    |                    |
| 607-2212-310F | Green  | 2             | 50                    | Recessed      | 3    |                    |
| 607-2312-310F | Yellow | 2             | 66                    | Recessed      | 3    | 0.296"<br>(7.50mm) |
| 607-2112-320F | Red    | 6             | 22                    | Recessed      | 4    |                    |
| 607-2212-320F | Green  | 6             | 50                    | Recessed      | 4    |                    |
| 607-2312-320F | Yellow | 6             | 66                    | Recessed      | 4    |                    |
| 607-2112-330F | Red    | 12            | 22                    | Recessed      | 4    |                    |
| 607-2212-330F | Green  | 12            | 50                    | Recessed      | 4    |                    |
| 607-2312-330F | Yellow | 12            | 66                    | Recessed      | 4    |                    |
| 607-3132-320F | Red    | 6             | 20                    | Internal      | 5    | 0.147"<br>(3.75mm) |
| 607-3232-320F | Green  | 6             | 45                    | Internal      | 5    |                    |
| 607-3332-320F | Yellow | 6             | 60                    | Internal      | 5    |                    |
| 607-3132-330F | Red    | 12            | 20                    | Internal      | 5    |                    |
| 607-3232-330F | Green  | 12            | 45                    | Internal      | 5    |                    |
| 607-3332-330F | Yellow | 12            | 60                    | Internal      | 5    |                    |
| 607-3132-340F | Red    | 24            | 20                    | Internal      | 5    |                    |
| 607-3232-340F | Green  | 24            | 45                    | Internal      | 5    |                    |
| 607-3332-340F | Yellow | 24            | 60                    | Internal      | 5    |                    |

\*15 mA current