



## 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]



## 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)  
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 & recessed positions: Brass—Chrome Plated  
Internal position: Polycarbonate
- Terminals:** Copper—Nickel Plated
- Lock Washer:** Iron—Nickel Plated
- Nut:** Brass—Nickel Plated



## Ordering Information

### 677 Series

#### Protruding

| Part Number<br>Terminals | Part Number<br>Wire Leads | Color  | Voltage<br>(V DC) | Current<br>(mA) | Intensity Typ.<br>(mcd) | Panel<br>Thickness  |
|--------------------------|---------------------------|--------|-------------------|-----------------|-------------------------|---------------------|
| 677-1112-321F            | 677-1115-321F             | Red    | 6                 | 15              | 825                     | 0.265"<br>(6.75 mm) |
| 677-1212-322F            | 677-1215-322F             | Green  |                   |                 | 4135                    |                     |
| 677-1312-323F            | 677-1315-323F             | Orange |                   |                 | 560                     |                     |
| 677-1412-324F            | 677-1415-324F             | Blue   |                   |                 | 700                     |                     |
| 677-1112-331F            | 677-1115-331F             | Red    | 12                |                 | 825                     |                     |
| 677-1212-332F            | 677-1215-332F             | Green  |                   |                 | 4135                    |                     |
| 677-1312-333F            | 677-1315-333F             | Orange |                   |                 | 560                     |                     |
| 677-1412-334F            | 677-1415-334F             | Blue   |                   |                 | 700                     |                     |
| 677-1112-341F            | 677-1115-341F             | Red    | 24                |                 | 825                     |                     |
| 677-1212-342F            | 677-1215-342F             | Green  |                   |                 | 4135                    |                     |
| 677-1312-343F            | 677-1315-343F             | Orange |                   |                 | 560                     |                     |
| 677-1412-344F            | 677-1415-344F             | Blue   |                   |                 | 700                     |                     |

#### Recessed

| Part Number<br>Terminals | Part Number<br>Wire Leads | Color  | Voltage<br>(V DC) | Current<br>(mA) | Intensity Typ.<br>(mcd) | Panel<br>Thickness  |
|--------------------------|---------------------------|--------|-------------------|-----------------|-------------------------|---------------------|
| 677-2112-321F            | 677-2115-321F             | Red    | 6                 | 15              | 925                     | 0.336"<br>(8.50 mm) |
| 677-2312-322F            | 677-2315-322F             | 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

| Part Number<br>Terminals | Part Number<br>Wire Leads | Color  | Voltage<br>(V DC) | Current<br>(mA) | Intensity Typ.<br>(mcd) | Panel<br>Thickness  |
|--------------------------|---------------------------|--------|-------------------|-----------------|-------------------------|---------------------|
| 677-3132-321F            | 677-3135-321F             | Red    | 6                 | 15              | 1370                    | 0.187"<br>(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                    |                     |

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.