



### Certifications & Ratings

- RoHS compliant
- NEMA 4X (with gasket)
- IP66 (with gasket)

### Application

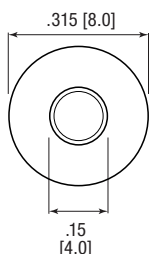
The 677 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

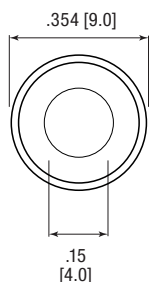
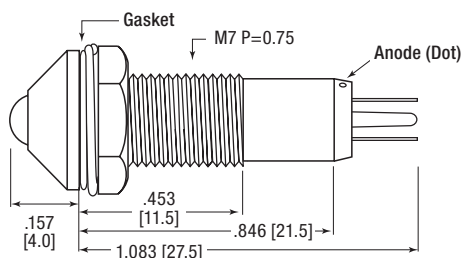
... and many more!

### Dimensions

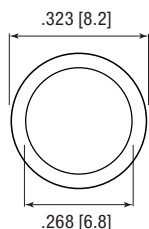
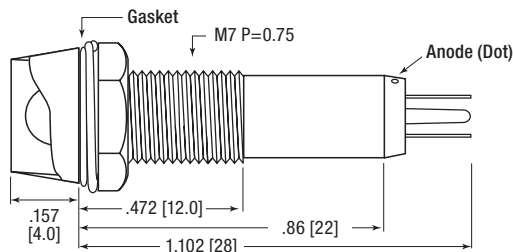
inches [mm]



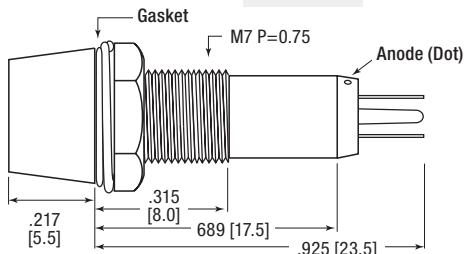
#### Protruding



#### Recessed



#### Internal



### Mechanical Information

|                             |                                                              |
|-----------------------------|--------------------------------------------------------------|
| <b>Mounting Hole Size:</b>  | 0.283" (7.2 mm)                                              |
| <b>Max Panel Thickness:</b> | See part numbers                                             |
| <b>Mounting Torque:</b>     | 0.362 lbs/ft (5 kg/cm)<br>0.217 lbs/ft or 3 kg/cm (Figure 3) |

### Specifications

|                               |                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------|
| <b>Voltage Options:</b>       | 6, 12 & 24 VDC (no resistor required)                                                       |
| <b>Operating Temp:</b>        | -20 °C to +75 °C (-4 °F to +167 °F)                                                         |
| <b>Storage Temp:</b>          | -40 °C to +100 °C (-40 °F to +212 °F)                                                       |
| <b>Electrical Connection:</b> | Solder terminals and 6" wire leads                                                          |
| <b>Housing:</b>               | Protruding & recessed positions:<br>Brass—Chrome Plated<br>Internal position: Polycarbonate |
| <b>Terminals:</b>             | Copper—Nickel Plated                                                                        |
| <b>Lock Washer:</b>           | Iron—Nickel Plated                                                                          |
| <b>Nut:</b>                   | Brass—Nickel Plated                                                                         |





## Ordering Information

### 677 Series

#### Protruding

| Part Number   | Part Number   | Color  | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness  |
|---------------|---------------|--------|----------------|--------------|----------------------|------------------|
| Terminals     | Wire Leads    |        |                |              |                      |                  |
| 677-1112-321F | 677-1115-321F | Red    | 6              | 15           | 825                  | 0.265" (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   | Part Number   | Color  | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness  |
|---------------|---------------|--------|----------------|--------------|----------------------|------------------|
| Terminals     | Wire Leads    |        |                |              |                      |                  |
| 677-2112-321F | 677-2115-321F | Red    | 6              | 15           | 925                  | 0.336" (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   | Part Number   | Color  | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness  |
|---------------|---------------|--------|----------------|--------------|----------------------|------------------|
| Terminals     | Wire Leads    |        |                |              |                      |                  |
| 677-3132-321F | 677-3135-321F | Red    | 6              | 15           | 1370                 | 0.187" (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                 |                  |

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