# 677 Series
# 7 mm High Intensity Panel Mount Indicators



## 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:

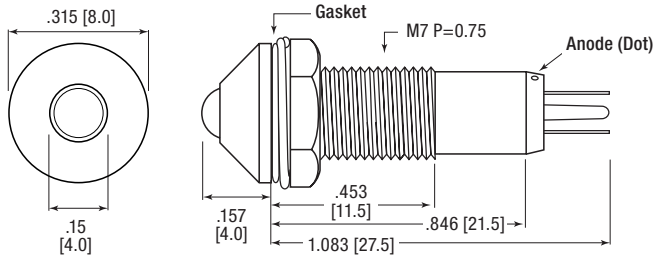
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

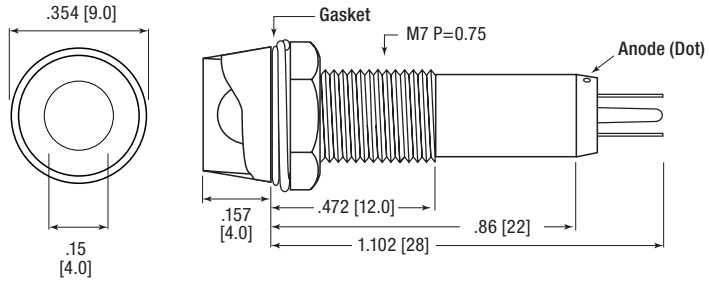
## Dimensions

inches [mm]

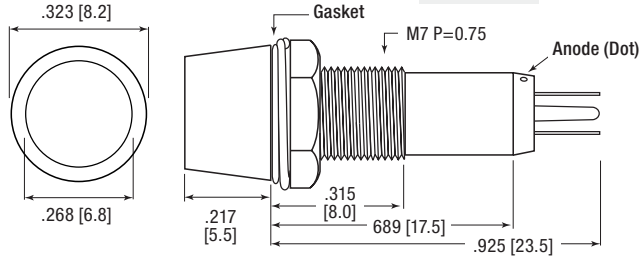
### Protruding




### Recessed




### Internal

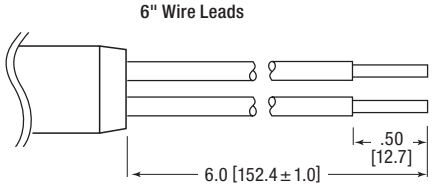



## Mechanical Information

| | |
|---|---|
| **Mounting Hole Size:** | 0.283" (7.2 mm) |
| **Max Panel Thickness:** | See part numbers |
| **Mounting Torque:** | 0.362 lbs/ft (5 kg/cm)<br>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 position:<br>Brass—Chrome or Black Plated<br>Recessed position:<br>Brass—Chrome Plated<br>Internal position: Polycarbonate |
| **Terminals:** | Copper—Nickel Plated |
| **Lock Washer:** | Iron—Nickel Plated |
| **Nut:** | Brass—Nickel Plated |



## Protruding Lens

| Chrome Plated Brass Housing | | Black Plated Brass Housing | | Color | Voltage (V DC) | Current (mA) | Intensity Typ. (mcd) | Panel Thickness |
|---|---|---|---|---|---|---|---|---|
| Terminals | Wire Leads | Terminals | Wire Leads | | | | | |
| 677-1112-321F | 677-1115-321F | 677-1122-321F | 677-1125-321F | Red | 6 | 15 | 825 | 0.265" (6.75 mm) |
| 677-1212-322F | 677-1215-322F | 677-1222-322F | 677-1225-322F | Green | | | 4135 | |
| 677-1312-323F | 677-1315-323F | 677-1322-323F | 677-1325-323F | Orange | | | 560 | |
| 677-1412-324F | 677-1415-324F | 677-1422-324F | 677-1425-324F | Blue | | | 700 | |
| 677-1112-331F | 677-1115-331F | 677-1122-331F | 677-1125-331F | Red | 12 | | 825 | |
| 677-1212-332F | 677-1215-332F | 677-1222-332F | 677-1225-332F | Green | | | 4135 | |
| 677-1312-333F | 677-1315-333F | 677-1322-333F | 677-1325-333F | Orange | | | 560 | |
| 677-1412-334F | 677-1415-334F | 677-1422-334F | 677-1425-334F | Blue | | | 700 | |
| 677-1112-341F | 677-1115-341F | 677-1122-341F | 677-1125-341F | Red | 24 | | 825 | |
| 677-1212-342F | 677-1215-342F | 677-1222-342F | 677-1225-342F | Green | | | 4135 | |
| 677-1312-343F | 677-1315-343F | 677-1322-343F | 677-1325-343F | Orange | | | 560 | |
| 677-1412-344F | 677-1415-344F | 677-1422-344F | 677-1425-344F | Blue | | | 700 | |

## Recessed Lens

| Chrome Plated Brass Housing | | 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) |
| 677-2212-322F | 677-2215-322F | 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 Lens - Polycarbonate Housing

| 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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