

# Optical Signal Devices



## 75mm Bracket Mount Beacons

### 75mm Beacon Features

- Choose from permanent incandescent, permanent LED, or flashing Xenon models
- 75mm diameter
- Bracket mount installation
- Light-intensive Xenon flash in flash models
- Bulb not included with incandescent models
- Various mounting accessories available
- 2 year warranty



| 223, 224, and 225 Series Beacons Technical Specifications       |   |             |          |        |   |                  |  |                   |                                     |                |   |                              |
|---|---|-------------|----------|--------|---|------------------|--|-------------------|-------------------------------------|----------------|---|------------------------------|
| Description   | Voltage   | Part Number | Price    | Color  | Current   | Starting Current | Operating Temp /Protection                         | Life Duration     | Housing Material                    | Weight         | Connection  | Agency Approvals             |
| <b>48mm (Bracket Mount)</b>                                     |   |             |          |        |   |                  |  |                   |                                     |                |   |                              |
| Incandescent Permanent Light                                    | 12-240V AC/DC max (depends on bulb selection; bulb sold separately) | 22310000    | \$33.00  | Red    | Depends on bulb selection. (bulb sold separately) | -                |  | up to 5,000h      |                                     | 103g [3.63 oz] |   |                              |
|   |   | 22320000    | \$33.00  | Green  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22330000    | \$33.00  | Yellow |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22340000    | \$33.00  | Clear  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22350000    | \$33.00  | Blue   |   |                  |  |                   |                                     |                |   |                              |
| LED Permanent Light   | 115VAC  | 22410067    | \$99.00  | Red    | < 25mA  | ≤ 0.5 A          | -4°F to 122°F [-20°C to 50°C]<br>IP65 when mounted | up to 100,000h    | Polycarbonate cap<br>Polyamide base | 142g [5.01 oz] | 2.5 mm <sup>2</sup> Screwless CAGE CLAMP® - technology (18-14 AWG)<br><br>Cable gland: m12 x1.5<br>Cable diameter: 3-6 mm | cULus file E164155, CE, RoHS |
|   |   | 22420067    | \$99.00  | Green  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22430067    | \$99.00  | Yellow |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22440067    | \$129.00 | Clear  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22450067    | \$129.00 | Blue   |   |                  |  |                   |                                     |                |   |                              |
|   | 24V AC/DC   | 22410075    | \$86.00  | Red    | < 45mA  |                  |  |                   |                                     |                |   |                              |
|   |   | 22420075    | \$86.00  | Green  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22430075    | \$86.00  | Yellow |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22440075    | \$117.00 | Clear  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22450075    | \$117.00 | Blue   |   |                  |  |                   |                                     |                |   |                              |
| Xenon Flashing Light (0.75 Hz flash frequency, 1W flash energy) | 24VDC   | 22510055    | \$108.00 | Red    | < 100mA   | -                |  | 4,000,000 flashes |                                     | 151g [5.33 oz] |   |                              |
|   |   | 22520055    | \$114.00 | Green  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22530055    | \$108.00 | Yellow |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22540055    | \$114.00 | Clear  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22550055    | \$114.00 | Blue   |   |                  |  |                   |                                     |                |   |                              |
|   | 115VAC  | 22510067    | \$108.00 | Red    | < 20mA  |                  |  |                   |                                     |                |   |                              |
|   |   | 22520067    | \$114.00 | Green  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22530067    | \$108.00 | Yellow |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22540067    | \$114.00 | Clear  |   |                  |  |                   |                                     |                |   |                              |
|   |   | 22550067    | \$114.00 | Blue   |   |                  |  |                   |                                     |                |   |                              |

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at [www.AutomationDirect.com](http://www.AutomationDirect.com)

## Bulbs



| Bulbs for Incandescent Permanent Optical Element |        |  |         |           |               |
|--|--------|--|---------|-----------|---------------|
| Part Number                                      | Price  | Description                                      | Wattage | Voltage   | Life Duration |
| 95501535   | \$7.25 | Bulb for Incandescent Light BA15d Bayonet Socket | 7W      | 24V AC/DC | up to 5,000h  |
| 95501537   | \$7.25 |  |         | 115VAC    |               |
| 95501538   | \$7.25 |  |         | 230VAC    |               |

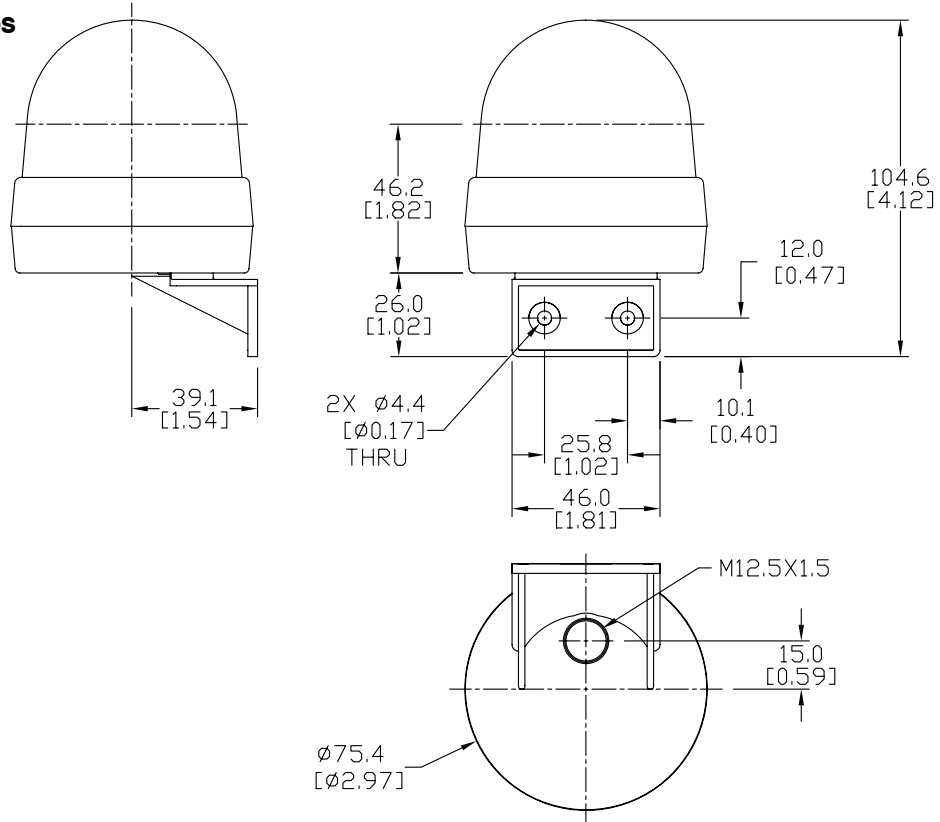
# Optical Signal Devices



## 75mm Bracket Mount Beacons

**DIMENSIONS** mm [in]

**223/224/225 Series**



Please see our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

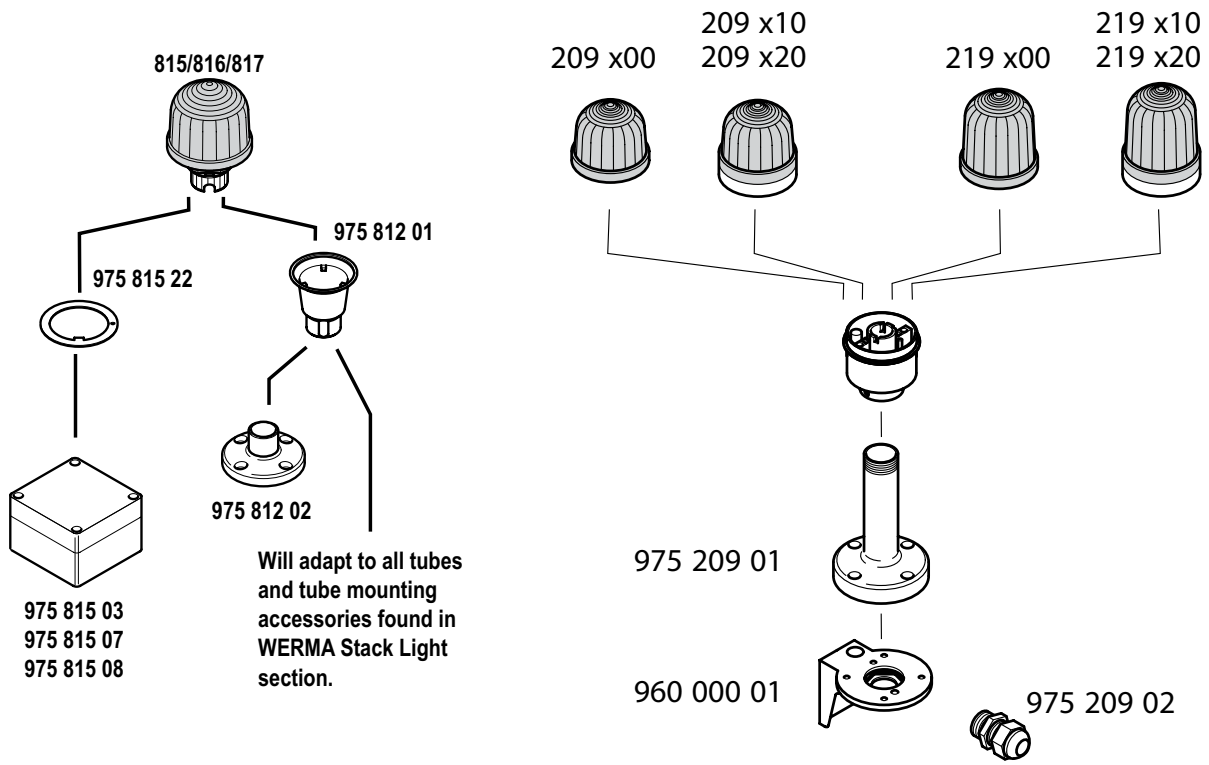
# Optical Signal Devices



## Beacon Accessories



| WERMA Beacons Accessories              |         |   |                                  |   |                     |
|--|---------|---|----------------------------------|---|---------------------|
| Part Number                            | Price   | Description   | Operating Temp.                  | Material                                | Weight              |
| <b>Installation Beacon Accessories</b> |         |   |                                  |   |                     |
| 97581201                               | \$12.50 | Tube adapter for beacons with 37mm (PG29) mounting installation. Find tube adapter accessories in WERMA Stack light catalog section.      | -4°F to 122°F<br>[-20°C to 50°C] | Polyamide / Fiberglass                  | 1.13 g<br>[0.04 oz] |
| 97581202                               | \$12.00 | Surface mounting base for beacons with 37mm (PG29) mounting installation  |                                  | Polyamide / Fiberglass with rubber seal | 2.83 g<br>[0.1 oz]  |
| 97581503                               | \$39.00 | Surface mounting enclosure for 1 beacon with 37mm (PG29) mounting installation  |                                  | Polycarbonate/ABS blend                 | 8.5 g<br>[0.3 oz]   |
| 97581507                               | \$54.50 | Surface mounting enclosure for 2 beacons with 37mm (PG29) mounting installation   |                                  |   | 14.17 g<br>[0.5 oz] |
| 97581508                               | \$71.50 | Surface mounting enclosure for 3 beacons with 37mm (PG29) mounting installation   |                                  |   | 17g<br>[0.6 oz]     |
| 97581522                               | \$5.00  | Anti-twist washer for beacons with 37mm (PG29) mounting installation  |                                  | 304 Stainless steel                     | 0.57 g<br>[0.02 oz] |
| <b>Freestanding Beacon Accessories</b> |         |   |                                  |   |                     |
| 9600001                                | \$15.00 | Bracket for tube mounting - for use with for use with 219 and 209 series industrial signal beacons.                                       | -4°F to 122°F<br>[-20°C to 50°C] | Polyamide                               | 57g<br>[2.01 oz]    |
| 97520901                               | \$18.00 | Plastic Base with integrated tube for WERMA industrial signal beacons- for use with 209 and 219 series beacons                            |                                  | Polyamide                               | 0.1 lbs<br>[1.6 oz] |
| 97520902                               | \$5.00  | Cable gland for WERMA industrial signal beacons: M25x1.5, plastic - for use with 209 and 219 series industrial signal beacons             |                                  | Nylon                                   | 0.1 lbs<br>[1.6 oz] |
| 97582603                               | \$38.00 | Galvanized Wire Guard for WERMA industrial signal beacons - for use with 826, 827, 828 and 829 series industrial signal beacons           |                                  | Wire D 3mm, chromed                     | 140g<br>[4.93 oz]   |
| 97582605                               | \$9.00  | Plastic Bracket for wall mounting for use with WERMA signal beacons - for use with 826, 827, 828 and 829 series industrial signal beacons |                                  | Polycarbonate/ABS blend                 | 62g<br>[2.19 oz]    |



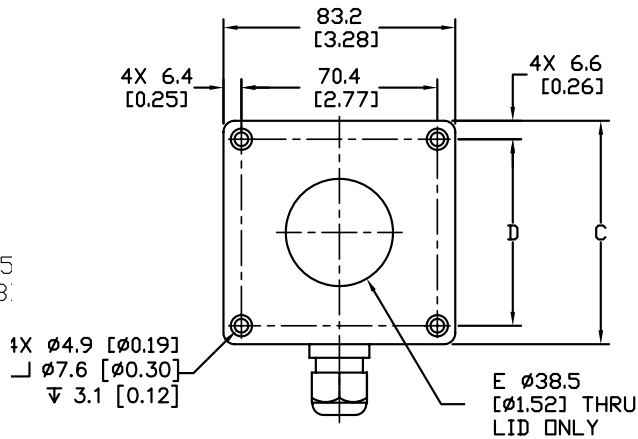
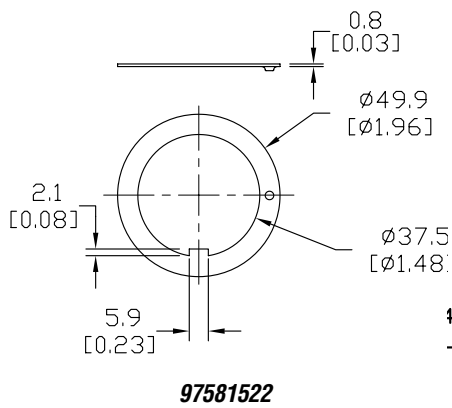
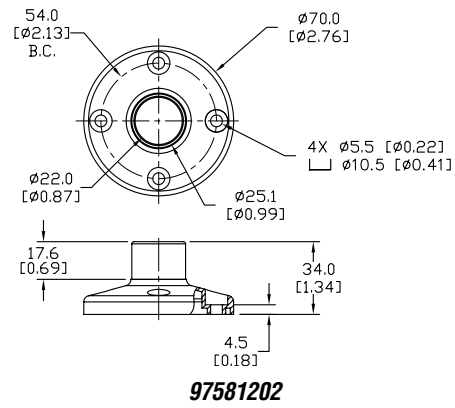
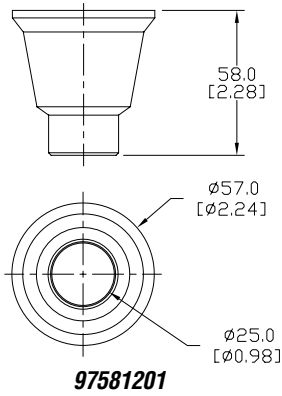
Will adapt to all tubes and tube mounting accessories found in WERMA Stack Light section.

# Optical Signal Devices

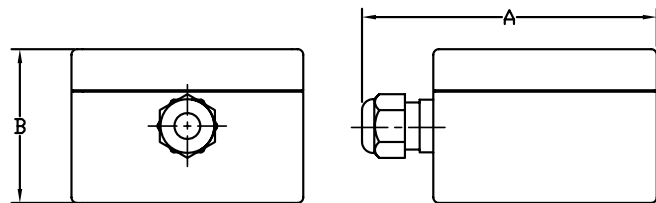


## Beacon Accessories

### DIMENSIONS mm [in]



Please see our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.



| PART #   | DIM A        | DIM B      | DIM C       | DIM D       | E # OF HOLES EQUALLY SPACED |
|----------|--------------|------------|-------------|-------------|-----------------------------|
| 97581503 | 105.8[4.17]  | 55.2[2.17] | 80.2[3.16]  | 67.0[2.64]  | 1                           |
| 97581507 | 185.7[7.31]  | 55.2[2.17] | 160.3[6.31] | 147.1[5.79] | 2                           |
| 97581508 | 266.7[10.50] | 60.9[2.40] | 241.3[9.50] | 228.1[8.98] | 3                           |