

Reliable, easy-to-install Trioptical™ Stackable Status Indicator for industrial applications

The 102 Series Trioptical™ Stackable status indicators from Edwards are PLC compatible, NEMA 4X Rated, industrial stackable beacons. They are unique audible-visual signaling devices which contain up to 5 light modules and an optional tone module in a single stack. Designed to maximize viewing surface while minimizing the mounting footprint; the lens incorporates a projection ring to project the light over a distance and diffusion optics for viewing efficiency at close range. All modules have captive gaskets and screws.

The unit can be easily surface mounted or mounted on 3/4" (19 mm) NPT conduit. It is designed for use in non-hazardous dust and weatherproof applications.

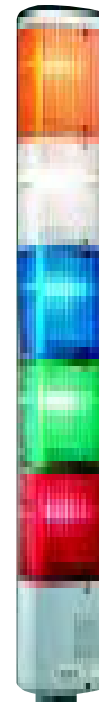
The lens modules are available in five brilliant colors: red, amber, blue, green and clear. Steady-on and flashing LED, halogen, standard incandescent and flashing strobe light modules can be used in conjunction with any of the five available lens modules. The steady-on and flashing LED modules are available in four colors (red, amber, blue and green) and must be used in conjunction with the matching lens module for true color.

For more information on the 102 stackable beacons, see the Products Section of our website at: www.edwards-signals.com/products



An Emerson/General Signal Joint Venture

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102 Series Trioptical™ Stackable Status Indicator key features:

- UL Listed and CSA Certified for indoor & outdoor applications
- CE Marked visual signal
- NEMA 4X, NEMA 3R and IP65 rated
- Molded in gaskets in lens and sound module panels
- Modules stackable in any combination or color
- Available in 24V DC or 120V AC
- Optional base mounted single tone or multi-tone signal modules
- Vibration resistant design
- Module rearrangement requires no rewiring

| Catalog No. | Electrical Ratings | Lamp Ratings | Replacement Lamp | Lamp Life (hours) Calculated# | Projected## | Manufacturer's Light Output |
|--|--------------------|--------------|---------------------------------------|----------------------------------|-------------|-----------------------------|
| BASE UNIT - USE WITH OPTIONAL HORN ASSEMBLY AND 3/4" (19MM) CONDUIT MOUNT C/W CAP | | | | | | |
| 102TBS-G1 | 24V DC, 1.75A+ | N/A | N/A | N/A | N/A | N/A |
| 102TBS-N5 | 120V AC, 0.60A+ | | | | | |
| BASE UNIT - MINI BASE FOR DIRECT PANEL MOUNT C/W CAP | | | | | | |
| 102DMBS-G1 | 24V DC, 1.75A+ | N/A | N/A | N/A | N/A | N/A |
| 102DMBS-N5 | 120V AC, 0.60A+ | | | | | |
| BASE UNIT - MINI BASE FOR 3/4" (19 MM) CONDUIT MOUNT C/W CAP | | | | | | |
| 102PMBS-G1 | 24V DC, 1.75A+ | N/A | N/A | N/A | N/A | N/A |
| 102PMBS-N5 | 120V AC, 0.60A+ | | | | | |
| OPTIONAL TONE MODULE | | | | | | |
| 102SIGST-G1 | 24V DC, 0.05A | N/A | N/A | N/A | N/A | N/A |
| 102SIGST-N5 | 120V AC, 0.05A | | | | | |
| 102SIGMT-G1 | 24V DC, 0.05A | N/A | N/A | N/A | N/A | N/A |
| 102SIGMT-N5 | 120V AC, 0.05A | | | | | |
| LENS MODULES | | | | | | |
| 102LM-* | N/A | N/A | N/A | N/A | N/A | N/A |
| STEADY-ON HALOGEN LIGHT SOURCE | | | | | | |
| 102LS-SINH-G1 | 24V DC, 0.32A | 9 Watts | 50LMP-9WH or Ind. Trade 1692*** | 12,000 | — | 52 Lumens |
| 102LS-SINH-N5 | 120V AC, 0.11A | 12 Watts | 50LMP-12WH or Ind. Trade 15T7DC*** | 20,000 | — | 70 Lumens |
| STEADY-ON STANDARD INCANDESCENT LIGHT SOURCE | | | | | | |
| 102LS-SIN-G1 | 24V DC, 0.32A | 10 Watts | Ind. Trade 303 | 10,000 | — | 66 Lumens |
| 102LS-SIN-N5 | 120V AC, 0.08A | 10 Watts | 50LMP-10W | 2,500 | — | 66 Lumens |
| FLASHING HALOGEN LIGHT SOURCE | | | | | | |
| 102LS-FINH-G1 | 24V DC, 0.32A | 9 Watts | 50LMP-9WH or Ind. Trade 1693*** | 12,000 | 15,000 | 52 Lumens |
| 102LS-FINH-N5 | 120V AC, 0.11A | 12 Watts | 50LMP-12WH or Ind. Trade 15T7DC*** | 20,000 | 25,000 | 70 Lumens |
| FLASHING STANDARD INCANDESCENT LIGHT SOURCE | | | | | | |
| 102LS-FIN-G1 | 24V DC, 0.32A | 10 Watts | Ind. Trade 303 | 10,000 | 12,500 | 66 Lumens |
| 102LS-FIN-N5 | 120V AC, 0.08A | 10 Watts | 50LMP-10W | 2,500 | 3,000 | 66 Lumens |
| STROBE LIGHT SOURCE | | | | | | |
| 102LS-ST-G1 | 24V DC, 0.30A | 3 Joule | 91B-ST | 3,000### | — | 300,000 peak cd |
| 102LS-ST-N5 | 120V AC, 0.12A | 3 Joule | 91B-ST | 3,000### | — | 300,000 peak cd |
| STEADY-ON LED LIGHT SOURCE | | | | | | |
| 102LS-SLEDA-G1** | 24V DC | — | N/A | 100,000 | — | 346 Lumens |
| 102LS-SLEDB-G1** | 0.062A | | | | | 145 Lumens |
| 102LS-SLEDG-G1** | | | | | | 145 Lumens |
| 102LS-SLEDR-G1** | | | | | | 145 Lumens |
| 102LS-SLEDA-N5** | 120V AC | — | N/A | 100,000 | — | 346 Lumens |
| 102LS-SLEDB-N5** | 0.022A | | | | | 145 Lumens |
| 102LS-SLEDG-N5** | | | | | | 145 Lumens |
| 102LS-SLEDR-N5** | | | | | | 145 Lumens |
| FLASHING LED LIGHT SOURCE | | | | | | |
| 102LS-FLEDA-G1** | 24V DC | — | N/A | 100,000 | — | 346 Lumens |
| 102LS-FLEDB-G1** | 0.062A | | | | | 145 Lumens |
| 102LS-FLEDG-G1** | | | | | | 145 Lumens |
| 102LS-FLEDR-G1** | | | | | | 145 Lumens |
| 102LS-FLEDA-N5** | 120V AC | — | N/A | 100,000 | — | 346 Lumens |
| 102LS-FLEDB-N5** | 0.022A | | | | | 145 Lumens |
| 102LS-FLEDG-N5** | | | | | | 145 Lumens |
| 102LS-FLEDR-N5** | | | | | | 145 Lumens |

*Currents shown are for a stackable with 5 light modules.

*Signifies lens module color (A - amber, B - blue, C - clear, G - green, R - red)

Signifies lens and LED module color (A - amber, B - blue, G - green, R - red) **NOTE: LED light sources must be used with the corresponding color lens module (e.g., a blue LED light source, 102LS-SLEDB-G1, must be used with a blue lens, 102LM-B).

***A non-halogen lamp, as listed, may be used in place of the halogen lamp.

#At nominal operating voltage.

##Projected lamp life based on manufacturer's calculated lamp life @ 65 fpm and 50% duty cycle.

###Strobe tube life @ operating power to 75% efficiency.