Edwards Signaling™

101 Series AdaptaLight® Stackable Beacon

The 101 Series AdaptaLight Stackable Beacon is a unique audible-visual signaling device that can contain up to 5 light modules and a pulsating horn in a single “stack.” It is for heavy-duty use in locations where visibility over longer distances is required. All modules are gasketed. The base of the AdaptaLight Stackable Beacon contains a pulsating horn rated at 85 dB at 10 feet. The horn can be operated as a sixth independent signal or in conjunction with any one of the light modules. The steady-on modules provide a constant visual signal. They are ideal for start/stop functions, on/off process or continuous duty visual signaling applications.

The flashing modules command immediate attention, while the steady-on module is ideal for indicating a normal status. Applications include signaling of equipment malfunction.

The strobe modules are ideal for high ambient light areas. They can effectively signal urgent status changes when used in conjunction with the incandescent or LED light modules. The LED modules are best for applications where long life is a requirement.

The 101XBRM (XTRA-BRITE™) LED beacons are supplied in steady-on mode, and offer field-selectable flash patterns that include Ultra-Flash (random flash pattern) or 65 flashes per minute modes.

The AdaptaLight can be direct or ½" NPT conduit pipe mounted in non-hazardous dust and weatherproof applications. For indoor applications, it may be vertically mounted with lenses facing either up or down. For weatherproof installation, the unit must be mounted vertically with lenses facing up. They may also be corner mounted using the Cat. No. CBR, corner mount bracket, or wall mounted, using the Cat. No. WBR, wall mount bracket.

101 Series AdaptaLight® Features

- Available in 12V DC*, 24V DC or 120V AC
- Option for panel or conduit mounting
- PLC Compatible
- Six gasketed modules:
  - steady-on or flashing incandescent
  - steady-on or flashing halogen
  - dual-mode steady-on/Ultra-Flash (random) or flashing LED
  - strobe
- Stackable in any combination or color
- Base unit comes with 85 dB pulsating horn
- LED modules immune to shock and vibration
- Module rearrangement requires no wiring; screw terminals in base for field wiring
- Electrical interconnection between modules is through solid copper busses

*Incandescent and strobe modules only

101 Series AdaptaLight® Stackable Beacon

Description	Module Type	Cat. No.	Lens/LED Colors	Projected LED Life (L70)†	Operating Voltage	Current	Flash Rate	Replacement Horns	Replacement Lamps
101 Series AdaptaLight Stackable Beacon	Base Unit with Horn (85 dB @ 10 ft.)	**101BS-E1**	—	—	12V DC	0.05 A	—	P-047570-0743	—
		101BS-G1	—	—	24V DC	0.05 A	—	P-047570-0743	—
		101BS-N5	—	—	120V AC 50/60 Hz	0.05 A	—	123A-N5	—
	Steady-On Incandescent	**101SIN*-E1**	Red, Green, Amber, Blue, Magenta, Clear	—	12V DC	1.0 A	—	—	Industry Std. No. 94
	Steady-On Halogen	**101SINH*-G1**	Red, Green, Amber, Blue, Magenta, Clear	—	24V DC	0.32 A	—	—	50LMP–9WH-D
		101SINH*-N5	Red, Green, Amber, Blue, Magenta, Clear	—	120V AC 50/60 Hz	0.11 A	—	—	50LMP–12WH-D
	Flashing Incandescent	**101FIN*-E1**	Red, Green, Amber, Blue, Magenta, Clear	—	12V DC	1.0 A	65 fpm	—	Industry Std. No. 94
	Flashing Halogen	**101FINH*-G1**	Red, Green, Amber, Blue, Magenta, Clear	—	24V DC	0.32 A	65 fpm	—	50LMP–9WH-D
		101FINH*-N5	Red, Green, Amber, Blue, Magenta, Clear	—	120V AC 50/60 Hz	0.11 A	65 fpm	—	50LMP–12WH-D
	Strobe	**101ST*-E1**	Red, Green, Amber, Blue, Magenta, Clear	—	12V DC	0.5 A	—	—	91*-ST
		101ST*-G1	Red, Green, Amber, Blue, Magenta, Clear	—	24V DC	0.3 A	—	—	91*-ST
		101ST*-N5	Red, Green, Amber, Blue, Magenta, Clear	—	120V AC 50/60 Hz	0.12 A	—	—	91*-ST
	Dual-Mode XBR LED	**101XBRM**24D**	Red, Green, Amber, Blue, White	148,000 hours	24V DC	0.220 A	65 fpm	—	—
		101XBRM120A**	Red, Green, Amber, Blue, White	148,000 hours	120V AC 50/60 Hz	0.115 A	65 fpm	—	—

*Letter in this position designates lens color: A - Amber, B - Blue, G - Green, R - Red, C - Clear, or M - Magenta

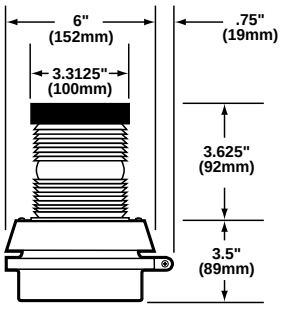
**Letter in this position designates lens/LED color: A - Amber, B - Blue, G - Green, R - Red, or W - White

†LED Manufacturer's Median Projected LED Life for LUXEON Rebel LEDs (L70 at 85ºC and $T_{junction}$ 98ºC). Actual LED life will vary inversely with ambient temperature, voltage, driver current, junction temperature and duty-cycle at which the signaling device is operated. Please refer to http://www.philipslumileds.com/pdfs/WP15.pdf.

PLC Output to Meet Input Parameter Specifications

Cat. No.	Operating Voltage	Max. Off State Leakage Current (mA)	Continuous On Current (mA)	Surge (inrush / duration)
101BS-G1	24V DC	1.2	20	2 A / 1 millisecond
101BS-N5	120V AC 50/60 Hz	25	50	2 A / 1 millisecond
101SINH*-G1	24V DC	25	320	.36 A / 1 nSecond
101SINH*-N5	120V AC 50/60 Hz	25	110	.5 A / 8 nSecond
101FINH*-G1	24V DC	25	320	1.2 A / 100 nSeconds
101FINH*-N5	120V AC 50/60 Hz	25	110	1.15 A / 8 nSeconds
101ST*-G1	24V DC	1.5	300	.33 A / 1 nSecond
101ST*-N5	120V AC 50/60 Hz	5	120	2.1 A / 1 nSecond
101XBRM24D**	24V DC	10	215	10 A / 85 microseconds
101XBRM120A**	120V AC 50/60 Hz	10	108	10 A / 170 microseconds

Dimensional Drawings



Agency Approvals

1638 Listed

Listed

Edwards Signaling™