

Edwards® 101 Series AdaptaLight® Heavy Duty Industrial Stackable Beacons

PLC Compatible*

Features

- PLC compatible
- Seven gasketed modules -
Steady-on incandescent module
Steady-on halogen module
Steady-on LED module
Flashing incandescent module
Flashing halogen module
Flashing LED module
Strobe module
- Modules stackable in any
combination or color
- Strobe models available in 120V AC;
12V & 24V DC; incandescent models
available in 12V DC; Halogen
models available in 120V AC & 24V
DC; models with LED cluster
available in 24V DC & 120V AC
- Base unit comes with 85 dB
pulsating horn
- Vibration resistant heavy duty
industrial design
- Module rearrangement requires no
wiring
- 300,000 peak candela strobe

Description

The Edwards AdaptaLight Stackable Beacon is a unique audible-visual signaling device which 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 9 watt halogen bulb is rated by the manufacturer at 52 lumens. The 12 watt halogen bulb is rated by the manufacturer at 70 lumens.

Agency Approvals

- UL Listed for indoor & outdoor applications
- CSA Certified

Base Unit

The base of the AdaptaLight Stackable Beacon contains a pulsating horn rated at 85dB at 10 feet.

Cat. No.
101 Series



The horn can be operated as a sixth independent signal or in conjunction with any one of the light modules. Electrical interconnection between units is through solid copper busses. Each module is firmly connected to the one below by a solid through-bolt and an attachment screw between the lens and module. A screw-type terminal strip in the base allows for positive connection to each module.

Light Modules

The incandescent, halogen and strobe light modules are available in six colors: red, amber, blue, green, magenta, and clear. The LED modules are available in four colors: red, amber, blue and green. Double fresnel polycarbonate lenses provide a 360 degree non-shadowed light pattern. A maximum of five light modules in

any combination of color or type can be stacked on the base unit.

Steady-On Incandescent and Halogen Modules

The Steady-On light modules provide a constant visual signal. The halogen models provide increased visibility and longer lamp life. They are ideal for start/stop functions, on/off processes or continuous duty visual signaling applications. When installed with other multiple color modules and the pulsating horn, the unit can be configured to visually and audibly communicate status changes.

Steady-On LED Module

The long life Steady-on LED Module provides a constant visual signal. It is ideal for start/stop functions, on/off processes or continuous duty visual status indicating applications.

*PLC COMPATIBILITY

This device may be operated by PLCs that match the input load requirements of this signal. Be sure to match the input load characteristics of the signal with the output characteristics of the PLC before connecting.

Signal Input Load Characteristics

Cat. No.	Operating voltage*	Max. off state leakage current mA	Cont. on current mA	Surge (inrush/duration) Amps/milliseconds
101BS-G1	24V DC	25	50	2/1
101BS-N5	120V AC	25	50	2/1
101FINH()-G1	24V DC	25	320	1.2/100
101FINH()-N5	120V AC	25	110	1.15/8
101SINH()-G1	24V DC	25	320	.36/1
101SINH()-N5	120V AC	25	110	.5/8
101FLED()-G1	24V DC	4	65	.07/1
101FLED()-N5	120V AC	5	25	.09/8
101SLED()-G1	24V DC	4	65	.07/1
101SLED()-N5	120V AC	5	25	.09/8
101ST()-G1	24V DC	1.5	300	0.33/1
101ST()-N5	120V AC	5	120	2.1/1

*All AC volts at 60 Hz

Flashing Incandescent and Halogen Modules

The Flashing light modules command immediate attention. The halogen models provide increased visibility and longer lamp life. They work well as a warning signal when used with the steady-on module. Applications include audible and visual signaling of equipment malfunction.

Flashing LED Module

The flashing LED module also commands attention and works well as a status indicating signal and is ideal

where long life (100,000 hours) is a requirement. Applications include audible and visual signaling of equipment malfunction.

Strobe Module

The AdaptaLight strobe module is ideal for high ambient light areas. When used with the incandescent or LED light modules, it can be used to effectively signal urgent status changes. Up to five self-contained strobe modules can be used in the AdaptaLight in any position in the stack.

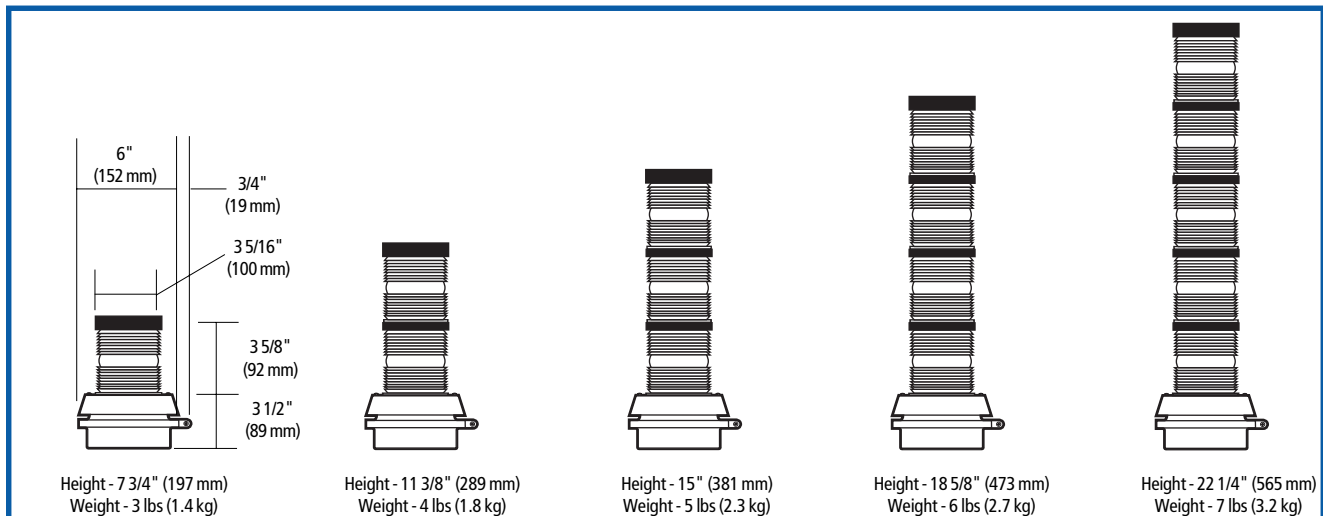
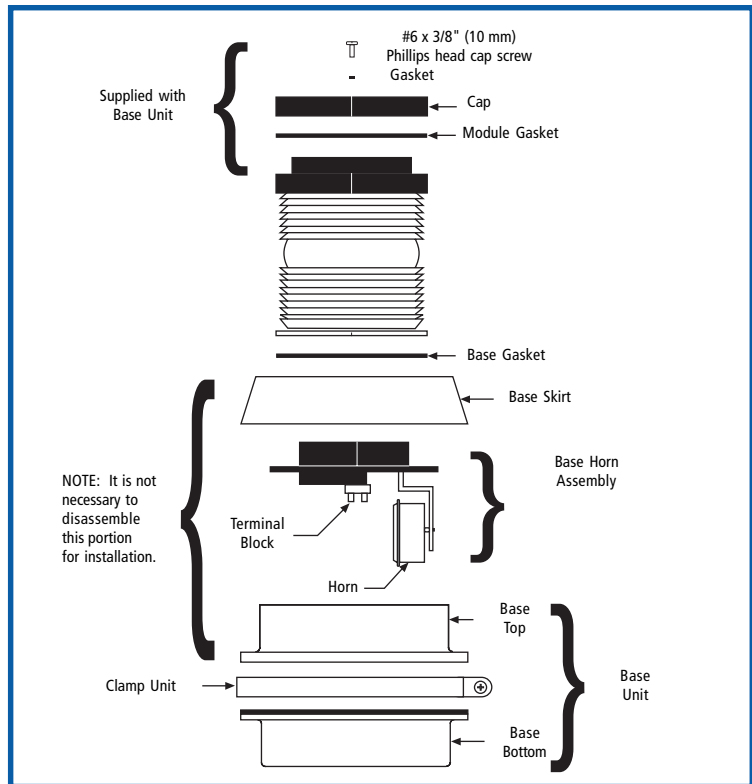
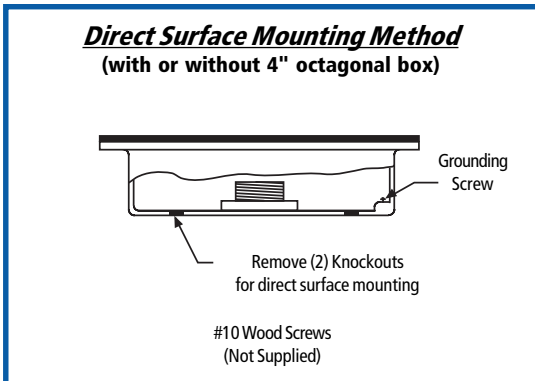
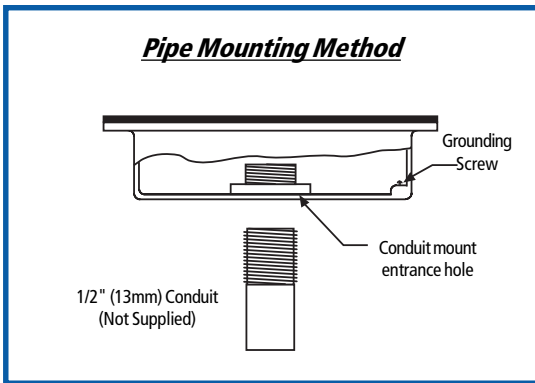
Mounting

Surface or 1/2" (12mm) NPT conduit pipe mounting in non-hazardous dust and weatherproof applications.

For indoor applications, may be vertically mounted with lenses facing up or down. For weatherproof installation, unit must be mounted vertically with lenses facing up.

May be corner mounted using the Cat. No. CBR, corner mount bracket, or wall mounted using the Cat. No. WBR, wall mount bracket. See AdaptaBeacon Accessories page.

Edwards® AdaptaLight Stackable Beacon Specifications



- Visual Signals
- Electronic Signals
- Bells & Buzzers
- Horns & Sirens
- Message Centers & Annunciators
- Outdoor Warning Signals
- Electric Chimes
- Push Buttons Contactors Door Devices
- Transformers
- Fire Alarm Equipment
- Clocks
- ADA/Hospital Signaling Devices
- Telephone Signals & Accessories
- Appendix

Ordering and Technical Data

Cat. No.	Lens Color	Nominal Current Rating	Flash Rate	Voltage	Replacement Part. Cat. No.
Base Unit# — Comes with horn (85 dB @ 10 feet)					
101BS-N5	—	.05	—	120V 50/60 Hz	123A-N5 (horn)
101BS-E1	—	Amps	—	12V DC	118-E1 (horn)
101BS-G1	—	max.	—	24V DC	118-G1 (horn)

Flashing Incandescent Light Module

101FINHR-N5	Red	0.11 Amps	65 FPM	120V 50/60 Hz	50LMP-12WH-D*
101FINHA-N5	Amber				or
101FINHB-N5	Blue				Lamp
101FINHG-N5	Green				Industry
101FINHM-N5	Magenta				Trade No.
101FINHC-N5	Clear				15T7DC
101FINR-E1	Red	1.0 Amps	65 FPM	12V DC	Lamp Industry Trade No. 94***
101FINA-E1	Amber				
101FINB-E1	Blue				
101FING-E1	Green				
101FINM-E1	Magenta				
101FINC-E1	Clear				
101FINHR-G1	Red	0.32 Amps	65 FPM	24V DC	50LMP-9WH-D**
101FINHA-G1	Amber				or
101FINHB-G1	Blue				Lamp
101FINHG-G1	Green				Industry
101FINHM-G1	Magenta				Trade No.
101FINHC-G1	Clear				1692

Flashing LED Module

101FLEDR-N5	Red	0.025 Amps	65 FPM	120V 50/60 Hz	—
101FLEDA-N5	Amber				
101FLEDB-N5	Blue				
101FLEDG-N5	Green				
101FLEDR-G1	Red	0.065 Amps	65 FPM	24V DC	—
101FLEDA-G1	Amber				
101FLEDB-G1	Blue				
101FLEDG-G1	Green				

Steady-On Incandescent Light Module

101SINHR-N5	Red	0.11 Amps	—	120V 50/60 Hz	50LMP-12WH-D*
101SINHA-N5	Amber				or
101SINHB-N5	Blue				Lamp
101SINHG-N5	Green				Industry
101SINHM-N5	Magenta				Trade No.
101SINHC-N5	Clear				15T7DC
101SINR-E1	Red	1.0 Amps	—	12V DC	Lamp Industry Trade No. 94***
101SINA-E1	Amber				
101SINB-E1	Blue				
101SING-E1	Green				
101SINM-E1	Magenta				
101SINC-E1	Clear				

#INSTALLATION for 101BS Base Unit:

- (1) Direct surface (indoor installation only).
- (2) Mounting on a 4" octagon box (indoor installation only).
- (3) Mounting on 1/2" NPT conduit (indoor or outdoor installation). Outdoor applications mount lens up.

Cat. No.	Lens Color	Nominal Current Rating	Flash Rate	Voltage	Replacement Part. Cat. No.
Steady-On Incandescent Light Module (Continued)					
101SINHR-G1	Red	0.32 Amps	—	24V DC	50LMP-9WH-D**
101SINHA-G1	Amber				or
101SINHB-G1	Blue				Lamp
101SINHG-G1	Green				Industry
101SINHM-G1	Magenta				Trade No.
101SINHC-G1	Clear				1692

Steady-On LED Module

101SLEDR-N5	Red	0.025 Amps	—	120V 50/60 Hz	—
101SLEDA-N5	Amber				
101SLEDB-N5	Blue				
101SLEDG-N5	Green	0.065 Amps	—	24V DC	—
101SLEDR-G1	Red				
101SLEDA-G1	Amber				
101SLEDB-G1	Blue				
101SLEDG-G1	Green				

Strobe Light Module

101STR-N5	Red	0.12 Amps	65 FPM	120V 50/60 Hz	91B-ST* (Strobe Tube)
101STA-N5	Amber				
101STB-N5	Blue				
101STG-N5	Green				
101STM-N5	Magenta				
101STC-N5	Clear				
101STR-E1	Red	0.5 Amps	65 FPM	12V DC	91B-ST* (Strobe Tube)
101STA-E1	Amber				
101STB-E1	Blue				
101STG-E1	Green				
101STM-E1	Magenta				
101STC-E1	Clear				
101STR-G1	Red	0.3 Amps	65 FPM	24V DC	91B-ST* (Strobe Tube)
101STA-G1	Amber				
101STB-G1	Blue				
101STG-G1	Green				
101STM-G1	Magenta				
101STC-G1	Clear				

*Rated at 70 lumens by bulb manufacturer. Projected lamp life based on manufacturer's calculated lamp life at 65 fpm and 50% duty cycle is 25,000 hours.

**Rated at 52 lumens by bulb manufacturer. Projected lamp life based on manufacturer's calculated lamp life at 65 fpm and 50% duty cycle is 15,000 hours.

***Rated at 189 lumens by bulb manufacturer. Projected lamp life based on manufacturer's calculated lamp life at 65 fpm and 50% duty cycle is 1,520 hours.

†300,000 peak candela. Strobe tube life at operating power to 75% efficiency is 3,000 hours.