

Table 1. PLC Compatibility

Cat. No.	Operating voltage*	Maximum off state leakage current (mA)	Continuous on current (mA)	Surge (inrush/duration) (A/ms**)
101BS-G1	24V DC	25	50	2/1
101BS-N5	120V AC	25	50	2/1
101SINH()-G1	24V DC	25	320	0.36/1
101SINH()-N5	120V AC	25	110	0.5/8
101SLED()-G1	24V DC	4	65	0.07/1
101SLED()-N5	120V AC	5	25	0.09/8
101FINH()-G1	24V DC	25	320	1.2/100
101FINH()-N5	120V AC	25	110	1.15/8
101FLED()-G1	24V DC	4	65	0.07/1
101FLED()-N5	120V AC	5	25	0.09/8
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

**Amps/milliseconds

- b. Direct Surface Mounting (indoor installation only)

Remove the two knockouts from the bottom of the base.

Fasten the base to the surface using suitable hardware (not supplied).
 - c. 4" (102 mm) Octagon Box Mounting (indoor installation only)

Remove the two knockouts from the bottom of the base.

Fasten the base to the octagon box (not supplied) by installing the screws (supplied with the box) through the knockout holes in the base.
 - d. Conduit Mounting (indoor or outdoor installation)

Install a 1/2" (13 mm) NPT conduit (not supplied). Align the conduit entrance hole on the base with the conduit and rotate base until base is tightly secured.
2. Route incoming field wiring into the base through the conduit entrance hole.

Up to five high-intensity strobe modules, and/or flashing halogen or LED modules, and/or steady-on halogen or LED modules can be used in any position in the stack. The terminal block labels, 1 through 5, correspond to the stacked modules with 1 being the bottom module on the stack.

Connect field wiring to the terminal block as shown in Figure 4.

Ground the AC AdaptaLights to the grounding screw (Figure 3) in accordance with applicable codes. Place the connected wires inside of the base.

Assemble the base unit and place the base gasket on top as shown in Figure 2.

3. To stack the modules, align the notch on the bottom of the first module with the notch on the base and press into position. Secure by tightening the slotted panhead through-bolt located on the top of the module.

NOTE: Never try to remove the through-bolt from the module.

Install the #8-32 x 3/8" (9.5 mm) plastic panhead screw in the side of the module lens (Figure 5).

Place gasket supplied with module onto the top of the module.

Continue adding modules in this manner as required.

Place the cap supplied with the base unit onto the top module ensuring the gasket is in place. Secure with an o-ring and 3/8" (9.5 mm) cap screw (supplied).

4. Turn on power and verify that module(s) and horn are operating properly.

Maintenance

Refer to "Specifications" for replacement parts.



WARNING

To prevent electrical shock, disconnect all power and wait 5 minutes for stored energy in strobe modules to dissipate before starting work on unit.

1. Remove the 3/8" (9.5 mm) cap screw, o-ring and cap from top of unit.
2. Remove the #8-32 x 3/8" (9.5 mm) plastic panhead screw from the side of the module lens.

3. Loosen the slotted panhead through-bolt (on top module). Do not remove the through-bolt from the module; turn the bolt approximately 30 turns.
4. Carefully remove the module and gasket.
5. Continue to disassemble until the component to be replaced is located and replace as follows.

CAUTION

To prevent damage to the lamp, *do not* touch glass with bare fingers. Grasp glass with a soft, clean cloth or with packaging supplied with the replacement lamp.

6. Replace the incandescent or halogen lamp.
 - a. Reach inside module, carefully grasp the lamp and press down while turning counterclockwise to release.
 - b. Place new lamp in socket and press down while turning clockwise.
7. Replace the strobe tube.

CAUTION

To prevent damage to the strobe tube, *do not* touch glass with bare fingers. Grasp the base of the replacement strobe tube.

- a. Reach inside module, grasp the *base* of the strobe tube and remove.
 - b. Holding the new strobe tube only by its base (if possible), insert tube in socket.
8. Replace mini pulsating horn.
 - a. Remove the screw in the clamp ring, remove ring and set aside.
 - b. Remove three phillips head screws from top of base skirt and remove the base skirt and the base/horn assembly from the top portion of the base (Figure 2).
 - c. Remove the phillips head screw securing the horn to the mounting bracket (Figure 2).
 - d. On DC models, disconnect wire leads from the terminal blocks. On AC models, disconnect wires by cutting off the wire crimp connectors.
 - e. Secure the new horn on the mounting bracket with the screw removed in step 8.c.

Steady-On Incandescent Light Unit*			
120V AC	12V DC	24V DC	Lens Color
101SINHR-N5	101SINR-E1	101SINHR-G1	Red
101SINHA-N5	101SINA-E1	101SINHA-G1	Amber
101SINHB-N5	101SINB-E1	101SINHB-G1	Blue
101SINHG-N5	101SING-E1	101SINHG-G1	Green
101SINHM-N5	101SINM-E1	101SINHM-G1	Magenta
101SINHC-N5	101SINC-E1	101SINHC-G1	Clear
Steady-On LED Light Unit			
120V AC		24V DC	Lens Color
101SLEDR-N5		101SLEDR-G1	Red
101SLEDA-N5		101SLEDA-G1	Amber
101SLEDB-N5		101SLEDB-G1	Blue
101SLEDG-N5		101SLEDG-G1	Green
Flashing Incandescent Light Unit*			
120V AC	12V DC	24V DC	Lens Color
101FINHR-N5	101FINR-E1	101FINHR-G1	Red
101FINHA-N5	101FINA-E1	101FINHA-G1	Amber
101FINHB-N5	101FINB-E1	101FINHB-G1	Blue
101FINHG-N5	101FING-E1	101FINHG-G1	Green
101FINHM-N5	101FINM-E1	101FINHM-G1	Magenta
101FINHC-N5	101FINC-E1	101FINHC-G1	Clear
Flashing LED Light Unit			
120V AC		24V DC	Lens Color
101FLEDR-N5		101FLEDR-G1	Red
101FLEDA-N5		101FLEDA-G1	Amber
101FLEDB-N5		101FLEDB-G1	Blue
101FLEDG-N5		101FLEDG-G1	Green
Flashing Strobe Light Unit			
120V AC	12V DC	24V DC	Lens Color
101STR-N5	101STR-E1	101STR-G1	Red
101STA-N5	101STA-E1	101STA-G1	Amber
101STB-N5	101STB-E1	101STB-G1	Blue
101STG-N5	101STG-E1	101STG-G1	Green
101STM-N5	101STM-E1	101STM-G1	Magenta
101STC-N5	101STC-E1	101STC-G1	Clear

*H in catalog number (e.g., 101SINHR-N5) signifies halogen module.

Stackable Light Units Available