

**Description and Operation**


Edwards catalog series 100SB Pathfinder signals are AC operated sealed beam rotating lights. The signals are conduit mounted and are suitable for use in either indoor or outdoor (weatherproof) applications.

**Electrical Specifications**

Cat. Number	Input Power	Current
100SB*-N5	110VAC 60 Hz	0.88A
	120VAC 60 Hz	1.04A
	125VAC 60 Hz	1.14A

\*The letter in this position of the catalog number signifies the color of the supplied dome: A - amber, B - blue, C - clear, G - green, or R - red.

**Installation**

 <b>CAUTIONS</b>
Do not apply power to the unit until installation is completed and cover is secured.
When installing indoors, the signal may be mounted with the dome facing either directly up or down. For outdoor installation, the signal must be installed with the dome facing directly up.

**Conduit Mounting**

1. Route the 18" wiring leads from the 100SB through a 3/4" NPT conduit (not supplied) into a junction box. See Figure 1.
2. Connect the green ground wire to earth ground. Connect the black wire lead to the positive (+) power source lead and connect the white wire lead to neutral power source lead using wire nuts (not supplied).
3. Apply power and ensure unit operates properly.

**Maintenance**

 <b>CAUTION</b>
To avoid injury, prior to disassembly, disconnect power from the unit.

**Lamp Replacement**

1. See Figure 1. Remove the screw in the clamp ring, remove the ring and lift off the dome.
2. Replace the appropriate lamp with a GE-4416-1 PAR 36 lamp.
3. Replace the dome and secure with the clamp ring and screw removed in step 1.
4. Apply power and ensure unit operates properly.

**Cleaning**

 <b>CAUTION</b>
Abrasive materials or cleaners must not be used to clean the dome.

The signal's dome should be periodically cleaned to maintain optimum light visibility. The dome may be cleaned with a soft cloth or sponge using a mild detergent. Dry the dome thoroughly before replacing.

**Table 1. Replacement Parts**

Cat. Number	Description
<i>Replacement Domes</i>	
100SB-LA	Amber
100SB-LB	Blue
100SB-LC	Clear
100SB-LG	Green
100SB-LR	Red
<i>Replacement Lamp</i>	
GE-4416-1 PAR 36	Replacement Lamp

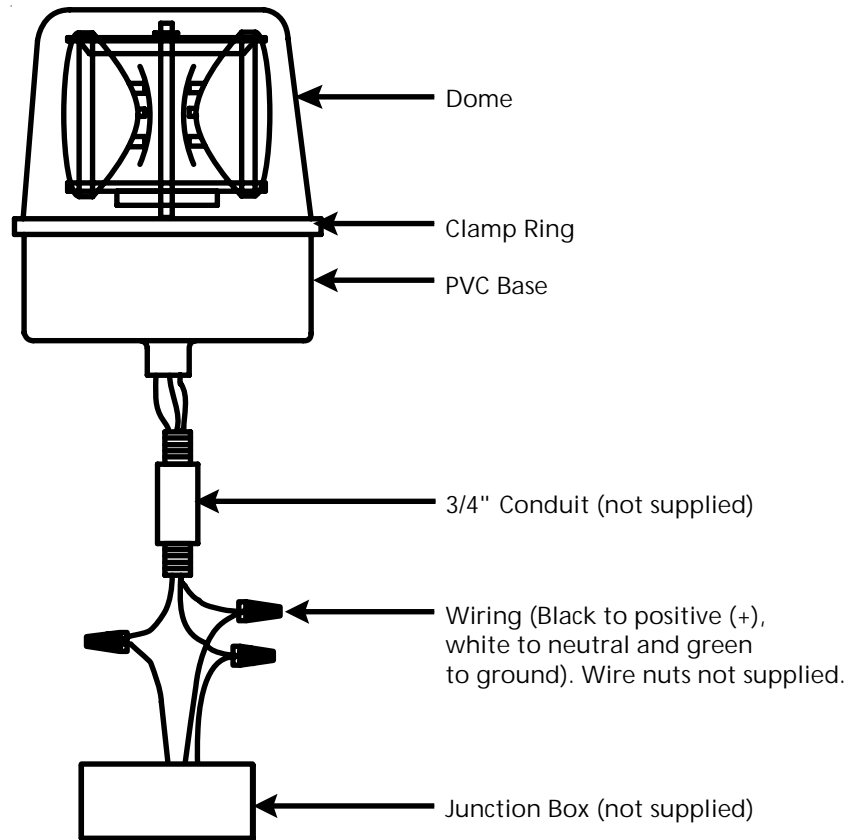


Figure 1. Catalog Series 100SB Pathfinder