



### 1.0 GENERAL DESCRIPTION

- 1.1 The unit shall be a highly visible, high intensity blue beacon/strobe assembly that interfaces with a speakerphone communication device and is constantly illuminated to facilitate locating the unit from a distance, model S-1000 from Code Blue Corporation, no substitutions. It shall be weather and vandal resistant, and suitable for both indoor and outdoor use. The assembly shall be capable of being used with both Code Blue and other products.

### 2.0 CONSTRUCTION

- 2.1 The combination blue beacon/strobe assembly shall consist of a blue Lexan-type polycarbonate refractor, forward emitting Light Emitting Diodes (LEDs) with the electronics set in a potted base. The refractor covers and protects the LEDs and has a prismatic design that distributes light in a horizontal pattern.
- 2.2 The unit shall be 5.1" high, have a 5.5" diameter and weight approximately 2.2 lbs.
- 2.3 The unit shall consist of four 1-watt blue LEDs.
- 2.4 The strobe shall be activated by the speakerphone's auxiliary output when programmed to do so and deactivated either when the call or the script ends.

### 3.0 MOUNTING

- 3.1 The beacon/strobe assembly shall be mounted either in a Code Blue unit, on a remote strobe bracket or on an electrical box.
- 3.1.1 Code Blue unit: The assembly is mounted to an internal bracket and shall be placed within the unit using three 0.1875" x .25" screws.
- 3.1.2 Remote strobe bracket: The assembly is mounted with three 0.1875" x .50" screws. The bracket shall have a conduit for electrical wiring. The 90-degree positioning variation of the bracket shall place the strobe vertically with the lens pointing upward or downward when mounted to either a pole or wall.
- 3.1.3 Electrical box: The assembly is mounted with no more than a 3" x .50" NBP Pipe Nipple to raise the beacon/strobe off the box.

### 4.0 ELECTRICAL DATA

- 4.1 Input Voltage Range
- Voltage: 12-24V AC or DC
- 4.2 Power Consumption at 75°F (25°C)



## Architectural & Engineering Specifications

Setting	12V DC	24V DC	12V AC	24V AC
Flash Mode Voltage	0.30 A	0.18 A	0.46 A	0.28 A
Steady Mode – High	0.21 A	0.12 A	0.31 A	0.20 A
Steady Mode – Low	0.12 A	0.08 A	0.18 A	0.13 A
Steady Mode – Off	.0014 A	.0026 A	.0041 A	.0088 A

- Maximum current draw is at single 60 FPM.
- Lumens: 270
- Candela Rating: 92
- Lumen Maintenance Projection: 5.71 years

### 4.3 Flash Rate:

Mode	Steady Burn Mode	Secondary Flash Mode
<b>1 (Default)</b>	High	Single – 60 FPM
<b>2</b>	Off	Single – 60 FPM
<b>3</b>	Low	Single – 60 FPM
<b>4</b>	High	Single – 150 FPM
<b>5</b>	Off	Single – 150 FPM
<b>6</b>	Low	Single – 150 FPM
<b>7</b>	High	Single – 375 FPM
<b>8</b>	Off	Single – 375 FPM
<b>9</b>	Low	Single – 375 FPM
<b>10</b>	High	Neobe – 75 FPM
<b>11</b>	Off	Neobe – 75 FPM
<b>12</b>	Low	Neobe – 75 FPM
<b>13</b>	High	Neobe – 150 FPM
<b>14</b>	Off	Neobe – 150 FPM
<b>15</b>	Low	Neobe – 150 FPM
<b>16</b>	High	Double – 125 FPM
<b>17</b>	Off	Double – 125 FPM
<b>18</b>	Low	Double – 125 FPM

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## Architectural & Engineering Specifications

19	High	Double – 250 FPM
20	Off	Double – 250 FPM
21	Low	Double – 250 FPM

### 5.0 OTHER TECHNICAL INFORMATION

- Operating temperatures: -40°F to +158°F (-40°C to +65°C)
- Operating humidity: 0-100% (NEMA 4X rated)

### 6.0 OPTIONS

- 6.1 For units that use the NightCharge® or Solar Array Module options, the beacon/strobe will contain a photocell sensor, with the normally “Low” or “High” Steadyburn Mode ON in dark or night-ambient environments and OFF in bright or daylight-ambient environments.
- 6.1.1 The dawn/dusk transition delay shall be 15-30 minutes.
- 6.1.2 The transient light acknowledgement delay shall be at least 3 minutes.

### 7.0 CERTIFICATIONS

- NEMA 4X rated

### 8.0 WARRANTY

- 8.1 The S-1000 Beacon shall be warrantied against any defects, under normal use, for a period of two years.

### 9.0 MANUFACTURER

- 9.1 The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. [www.codeblue.com](http://www.codeblue.com). THERE ARE NO EQUIVALENTS.