



1.0 GENERAL DESCRIPTION

- 1.1 The Model S-550 (low voltage) blue beacon and strobe assembly shall consist of two 1 watt blue side light emitting diodes (LEDs). When the strobe is activated each LED will flash in synchronous a minimum of 60 times per minute in high (Mode 1) and covered by a blue Lexan-type polycarbonate refractor. The unit shall interface with a speakerphone communications device. The beacon shall be constantly illuminated in order to facilitate locating the unit and using the speakerphone. The strobe shall be automatically activated upon using the communications device, and shall deactivate when the recipient terminates the call.

2.0 CONSTRUCTION

- 2.1 The combination blue beacon and strobe assembly shall consist of a Lexan-type polycarbonate refractor, two side emitting 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, enabling the unit to be seen from a great distance. It shall be both weather and vandal resistant, and shall be suitable for both indoor and outdoor (upright mounting) use. The assembly shall be capable of being used with both Code Blue products and other products.

3.0 MOUNTING

- 3.1 The beacon/strobe assembly shall be mounted either in a Code Blue unit, or on a remote strobe bracket.
 - 3.1.1 Code Blue Unit: The assembly is mounted to an internal bracket and shall be placed within the unit using three 6/32 by .25-inch screws.
 - 3.1.2 Remote Strobe Bracket: The assembly is mounted to a remote strobe bracket with three 6/32 by .5-inch screws. The bracket shall have a conduit for electrical wiring. The 90° positioning variation of the bracket shall place the strobe vertically with the lens pointing upward or downward when the bracket is mounted to either a pole or wall.

4.0 ELECTRICAL DATA

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



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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.
- Lumen Rating: 14.5
- Lumen Maintenance Projection: 5.71 years

4.3 Flash Rate:

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



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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)
- Dimensions: 5.1 inches high and 5.5 inches diameter

6.0 WARRANTY

6.1 The unit shall be warranted for a period of two (2) years. Reference manufacturer's warranty for further details.

7.0 MANUFACTURER

- 7.1 The Manufacturer shall be Code Blue Corporation of Holland, Michigan. There are no equivalents.
- 7.2 Code Blue Corporation manufactures its products according to the most recent revision of product specifications, and shall not be held responsible for obsolete or outdated specifications. For the latest revision, please refer to www.codeblue.com.