

INSTALLATION INSTRUCTIONS

MODEL AST-14 HAZARDOUS LOCATION STROBE WARNING LIGHT

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1. INTRODUCTION

The Model Ast-14 is a Pendant Mount hazardous Area Strobe Warning Light which is CSA certified for both Canada and the United States for Class I Div.2 Environments and is also Type 3 and or 4x approved.. The Ast-14 is available with various different input voltage ranges. Please refer to the Electrical Ratings below.

Electrical Ratings

Supply Voltage Range	Frequency	Current Range (avg)	Inrush Current (max)
90 to 130 VAC	50/60Hz	.120 A to .090 A	.250 A
220 to 250 VAC	50/60Hz	.065 A to .055 A	.220 A
10 to 30 VDC	-	.8 A to .4 A	1.30 A
50 to 60 VDC	-	.360 A to .300 A	.820 A
90 to 130VDC	-	.120 A to .090 A	.250 A
220 to 250VDC	-	.065 A to .055 A	.220 A
15 to 30 VDC	-	.8 A to .4 A	1.30 A

2. INSTALLATION

MOUNTING

The Ast-14 strobe is designed for mounting to 3/4" conduit and may be mounted in any position. Prior to mounting the strobe , ensure that the threads on both the pipe and strobe fixture are clean. It is recommended to use a suitable thread lubricant such as STL8 on the threads. Thread the strobe onto the 3/4" conduit and tighten the 1/4"-20 set screw to secure it to the pipe.

ELECTRICAL CONNECTIONS

For DC models Connect the red(+) lead to the positive side of the incoming power supply and the black (-) lead to the negative side of the incoming power supply. For AC models connect one black lead to one side of the source supply and the other black lead to the other side of the source supply. There is a grounding screw in the base of the fixture for connection to an earth ground if needed.

Note: Installation of the strobe in Canada shall be in accordance with:

- i) CSA C22.1, Canadian Electrical Code, Part 1
- ii) Local Authority Having Jurisdiction

