

INSTALLATION INSTRUCTIONS-ULC APPROVED

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 also ULC listed for Visual Signal Appliances, Fire Alarm for Use in Hazardous Locations. The unit is available with a 15-30VDC input voltage range and has an rms operating current of .4-.8 A with an inrush current of 1.3A peak. The Ast-14 ULC approved strobe is only available with a clear lens. The operating temperature is -55 C to + 85 C with a candela rating of 3 cd.

2. INSTALLATION

MOUNTING

The Ast-14 strobe is designed for mounting to ¾” 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. Thread the strobe onto the ¾” conduit and tighten the ¼”-20 set screw to secure it to the pipe.

ELECTRICAL CONNECTIONS

The Ast-14 ULC approved strobe contains four leads for electrical supervision , two red and two black. Connect one red(+) lead to the positive side of the incoming power supply and the other red(+) lead to the outgoing power source. Connect one black (-) lead to the negative side of the incoming power supply and the other black(-) lead to the negative side of the outgoing power source. There is a grounding screw in the base of the fixture for connection to an earth ground if needed.

Caution: This is a four wire device, all of the wires must be terminated. Failure to do so can result in damage to the device or a potential for a fire hazard or a shock.

Caution: FACTORY FINISH-DO NOT CHANGE.

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

- i) CSA C22.1, Canadian Electrical Code, Part 1
- ii) CAN/ULC-S524, standard for Installation of Fire Alarm Systems
- iii) Local Authority Having Jurisdiction