

Model LSEX

Strobe Light

for Hazardous Locations

SAFETY MESSAGE

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product. Listed below are some other important safety instructions and precautions you should follow.

Selection of mounting location for this device, its controls and routing of wiring should be made by the Facilities Engineer and the Safety Engineer. Listed below are some other important safety instructions and precautions you should follow.

- This unit must be installed and maintained by a qualified electrician in accordance with NFPA 72 and national and local electrical and fire codes, under the direction of the authority having jurisdiction.
- Do not connect this unit to system wiring when circuits are energized.
- For optimum light distribution do not install this device where objects would block the front of the strobe.
- After installation be sure that all threaded joints are securely tightened.
- After installation and completion of initial system test, provide a copy of this instruction sheet to all personnel responsible for operation, periodic testing and maintenance of this equipment.
- If a malfunctioning unit is encountered, do not attempt any field repair retrofit of parts not covered by these instructions. Return the unit to the factory.
- Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you and others.

GENERAL.

The Model LSEX strobe provides a visual signal when activated by a control panel. The strobe is intended for indoor use and are listed by Underwriters Laboratories as "Signal Appliances, Miscellaneous, For Use in Hazardous Locations" (category UJPX).

SPECIFICATIONS.

Specification	Rating
UL Listed	File E190785, Guide UJPX
Operating voltage	24VDC
Operating current	400mA
Inrush current	14A (50 microsecond duration)
Average power	12W
Output Intensity	15cd (clear lens)
Temperature range	-40° to +185° F (-40° to +85° C)
Relative Humidity	95% Non-condensing
Hazardous Locations	Class I, Groups C, D Class II, Groups E, F, G

INSTALLATION.

WARNING

To reduce the risk of ignition of hazardous atmospheres, disconnect the supply circuit before opening compartment. Keep tightly closed with in operation.

To reduce the risk of ignition of hazardous atmospheres, conduit run must have a sealing fitting connected within 18 inches of the enclosure.

High voltages may be present inside the strobe light assembly even though power is not connected. It is recommended that the strobe unit NOT be opened. If it must be opened, wait at least 5 minutes after disconnecting power before servicing the unit.

Refer to Figure 1 for mounting and wiring information.

Electrical connections

Two wires are provided for connection. Connect the positive (+) power source lead (alarm condition) to the red wire. Connect the negative (-) power source lead (alarm condition) to the black wire. Ensure that the wire connections are firmly held in place.

Mounting

Both wall and ceiling mount strobes come with a junction box with four 1/2" conduit openings. The junction box has four holes to allow for surface mounting configurations.

Replacement of flash tube or glass globe

1. Disconnect power and wait at least 5 minutes before servicing.
2. Unscrew the globe guard. The glass globe and aluminum washer are held on only by the globe guard, so they must be supported as the guard is removed.
3. To remove the flash tube, depress the locking mechanism on the connector. Align the replacement flash tube with the connector and push it in until the locking mechanism engages.
4. Place the aluminum washer on the strobe mount, place the glass globe on the washer, and ensure that they are seated properly as the globe guard is securely tightened to hold them in place.
5. Check all connections and reconnect power.

OPERATION/TESTING.

After completion of installation be sure to test the system to verify that each strobe unit operates satisfactorily.

ORDERING INFORMATION.

Model	Stock No.
Ceiling mount, clear lens	LSEX-24CMC
Ceiling mount, red lens	LSEX-24CMR
Wall mount, clear lens	LSEX-24WMC
Wall mount, red lens	LSEX-24WMR
Replacement clear lens	198-0180
Replacement red lens	198-0181
Replacement flash tube	010-1567

SERVICE.

To get help with problems or questions not covered in these instructions, contact:

Technical Service Department
Commercial Products Group
2519 - 4th Avenue
Moline, IL 61265
(800) 521-8219

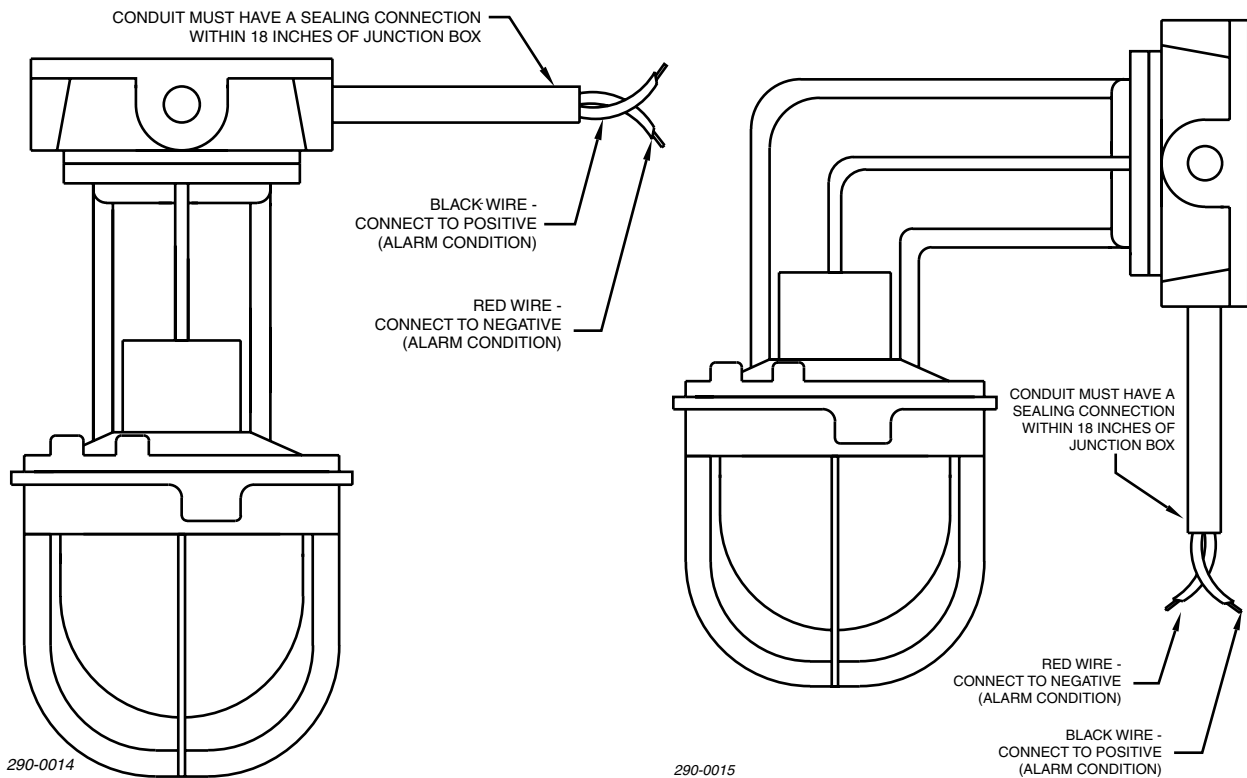


Figure 1. Electrical connections and mounting.