

Model LP3E

StreamLine® Low Profile Strobe Light

2561532 Rev B2 0323

Limited Warranty: This product's limited warranty can be found at www.fedsig.com/SSG-Warranty.

SAFETY MESSAGES TO INSTALLERS AND USERS

It is important to follow all instructions shipped with this product. This device is to be installed by a trained electrician who is thoroughly familiar with the National Electrical Code/Canadian Electrical Code and will follow the NEC/CEC Guidelines as well as local codes.

The selection of the mounting location for the device, its controls and the routing of the wiring is to be accomplished under the direction of the facilities engineer and the safety engineer. Listed below are some other important safety instructions and precautions you should follow:

- Read and understand all instructions before installing or operating this equipment.
- Disconnect light from the power supply before any installation or maintenance is performed.
- After installation, test the light system to ensure that it is operating properly.
- After testing is complete, provide a copy of this instruction sheet to all operating personnel.
- Establish a procedure to routinely check the light installation for integrity and proper operation.
- The product nameplate, which may contain cautionary or other information of importance to maintenance personnel, should not be obscured in any way

Table 1 Specifications

Operating Voltage	120 Vac 50/60 Hz	230-240 Vac 50/60 Hz
Operating Current	0.10 A	0.07 A
Energy Output	2.0 joules	2.0 joules
Flash Rate	65-95 FPM	65-95 FPM
Operating Temp	-31°F to 150°F (-35°C to 66°C)	-31°F to 150°F (-35°C to 66°C)

Unpacking the Device: After unpacking the light, examine it for damage that may have occurred in transit. If the light has been damaged, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of the damage. Carefully check all envelopes, shipping labels, and tags before removing or discarding them. If



any parts are missing, please call Federal Signal Customer Support at +1 708-534-4756 or +1 877-289-3246.

Installing the Device

WARNING

SHOCK HAZARD – To avoid electrical shock hazards, do not connect wires when power is applied.

Model LP3E lights are designed for mounting in a E26/24 medium base lamp holder. Thread the light into the socket by turning it clockwise. Tighten the light securely to ensure good electrical contact.

Strobe Tube Replacement

After extended operation, occasionally check for flash tube degradation. Should the flash tube misfire, have a noticeable decrease in light output, glow continuously or darken-replacement is necessary.

WARNING

ELECTROCUTION HAZARD – High voltages are present inside the light assembly. Wait at least 5 minutes after shutting off power before servicing this unit.

To replace the strobe tube:

1. Disconnect power from the supply circuit and wait five minutes before opening unit to allow all capacitors to discharge.
2. Loosen the locking screw on the lens and remove the lens from the housing by turning it counterclockwise.
3. Carefully remove the old strobe tube by grasping the connector and lifting upward.
4. Replace the lamp with Federal Signal part number K149130A. Install the new strobe tube by fully seating it into the receptacle on the printed circuit board.
5. Attach the lens to the housing by turning it clockwise until seated.
6. Tighten the locking screw on the lens to secure it.

Maintenance and Service

Technical Assistance: Contact our Technical Support Team at +1 708-587-3587 or signalsupport@fedsig.com.

Repair Service: A return authorization is required. Contact your Authorized Distributor or Federal Signal Customer Support. Defective products under warranty will be repaired or replaced at Federal Signal's discretion.

Product Returns: Returns require authorization from Federal Signal. Contact your Authorized Distributor for more information on our return policy or to request a return.

Accessories and Replacement Parts

Due to certification, certain component parts are not available for field replacement. Units with this type of damage must be either replaced entirely or returned to Federal Signal for service. To order accessories and replacement parts, call Federal Signal Customer Support at 708-534-4756 or 877-289-3246.

Table 2 Replacement Parts

Description	Part Number
Strobe tube	K149130
Lens, Amber	K8589063
Lens, Blue	K8589063-01
Lens, Clear	K8589063-02
Lens, Green	K8589063-03
Gasket Kit*	K8589013

* Includes gasket for LP3P, LP3S, and LP3T

Certification Information

UL, cUL, and CSA



Not to be used as a visual public mode alarm notification appliance.

CE



Do not use as a Visual Fire Alarm Device.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.

When installing this product on machines as an Indicator or Flashing Light, please note the following:

- Indicator lights shall be selected and installed in such a manner as to be visible from the normal position of the operator.
- Circuits used for visual devices that are used to warn persons of an impending hazardous event shall be fitted with facilities to check the operability of these devices.
- For further distinction or information, and especially to give additional emphasis, flashing lights can be provided to attract attention, request immediate action, indicate a discrepancy between the machine state, and indicate a change in the machine process.
- It is recommended that higher flashing frequencies be used for higher priority information. See the Specifications section for flash rate.
- When flashing lights are used to provide higher priority information, additional acoustic warnings should be considered.
- Visual indicators shall be clearly and durably marked regarding their functions, either on or adjacent to the device.
- Indicator lights should be color-coded with respect to the condition (status) of the machine according to Table 3.

Table 3 Color Coding

Color	Meaning	Explanation	Action by Operator
Red	Emergency	Hazardous condition	Immediate action to deal with a hazardous condition (e.g., switching off the machine supply, being alert to the hazardous condition, and steering clear of the machine).
Yellow	Abnormal	Abnormal condition impending critical condition	Monitoring and/or intervention (e.g., by reestablishing the intended function).
Blue	Mandatory	Indication of a condition that requires operator action	Mandatory action
Green	Normal	Normal condition	Optional
White	Neutral	Other conditions. May be used when doubt exists about the application of other colors.	Monitoring



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Additional translations available at signaling.fedsig.com

Traducciones adicionales disponibles en signaling.fedsig.com

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