KIM LIGHTING
P.O. Box 60080 • 16555 East Gale Ave.
City of Industry, California 91716-0080
626/968-5666 • FAX 626/330-3861

EL800
EL805
EL806
EL807
KLV800
KLV807

Step Light - EL 800 Series Installation Instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR INJURY TO PERSONS
IMPORTANT SAFETY INSTRUCTIONS!

⚠ **WARNING: To reduce the risk of FIRE OR INJURY TO PERSONS: Do not overdrive fixtures with greater than 12 volts or fixture over-heating and short lamp life will occur. Do not overload the transformer by installing (or relamping) higher wattage lamps than planned. Note: Total wattage of all lamps connected to one transformer must not exceed the capacity of that transformer. DO NOT operate luminaire with missing or damaged lens.**

⚠ **SAFETY WARNING: When relamping, be sure electrical supply is OFF. Low voltage fixtures can become very hot depending on the lamp wattage used. Glass lenses and metal areas above & around the lamp can become hot enough to blister hands. Use discretion when touching the lamp envelope with bare hands. If touching the lamp is necessary during installation, clean the envelope with alcohol and dry with a clean, soft cloth before turning ON. Contamination of the envelope may reduce lamp performance. To maintain light efficiency and prevent fixture-overheating, glass lenses and enclosure must be kept clean and free of dirt, dust, leaves, trash (combustible materials) and mineral deposits from water. Particular care should be taken not to locate fixtures where small children can reach them if higher wattage's are used. Lighted lamp is HOT!**

CAUTION! Use only the lamp of type and wattage shown on fixture label on the electrical assembly. The fixture label must indicate the same electrical data as the ballast label.

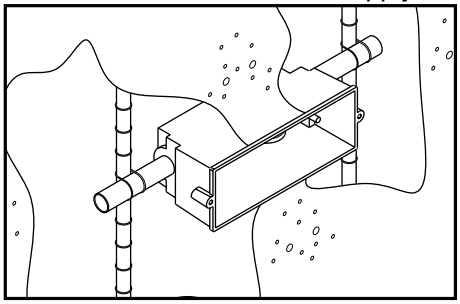
MAINTENANCE: To maintain light efficiency and prevent fixture overheating a regularly scheduled maintenance program must be established. Fixtures must be kept clean and free of dirt, dust, leaves and trash.

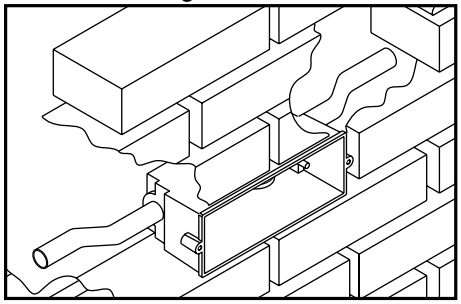
NOTE: Keep the lamp free from impact while burning, as this may deform the filament and shorten the lamp life. NOT INTENDED FOR INDOOR USE. All electrical work should be done by a qualified electrician.

KEEP THIS SHEET FOR FUTURE REFERENCE.

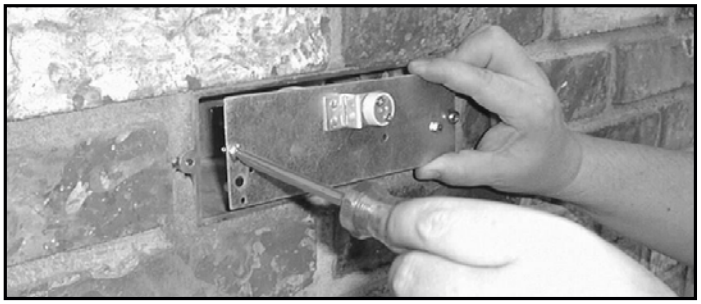
Tools Required: ❑ Phillips Head Screwdriver ❑ 5/32" Allen Wrench

⚠ Make certain electrical supply is **OFF** before starting fixture installation.

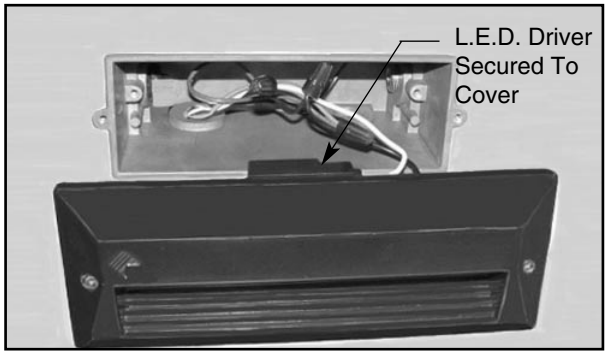




1. a) **For concrete pour:** Attach housing with conduit mounted to concrete forms, face flange must be flush with concrete surface.
   b) **For brick installation:** Install housing and conduit into brick, face flange must be flush with brick surface.



2. Attach fixture wires to field wires using U.L. approved wire nuts ensuring correct polarity, i.e., green-to-ground white-to-common, black-to-voltage. Install ballast / socket plate and tighten screws securely. Install lamp of type and wattage as shown on fixture label and chart on this page (not needed for L.E.D. fixture).



3. **For L.E.D. Installation Only:**
   Attach fixture wires to field wires using wire nuts (supplied) ensuring correct polarity, i.e.; green-to-ground, white-to-common and black-to-voltage.

***L.E.D. IDENTIFIER**

5 Watt

15 Watt

Both are available 120 volt or 277 volt input. Reference label on side of driver component or lamp label to determine.

4. Install face plate/gasket assembly and secure with screws.

WARNING:
This H.I.D. / Fluorescent fixture utilizes a lamp that may contain mercury. For information on disposal of lamp, go to website:
www.lamprecycle.org

LAMP INFORMATION

Cat. No.	Lamp Type	Max. Watts
EL800 / KLV800	T-3 or T-4 BiPin (By Others)	50
EL805 / EL806	Twin Tube Fluorescent (By Others)	9
EL807	L.E.D. (By KIM)	15
KLV807	L.E.D.	5

KIM LIGHTING LIMITED WARRANTY

When installed in accordance with Kim Installation Instructions and accepted trade practices, the following shall apply:

General Product Limited Warranty Coverage
All material and component parts used in the manufacture of Kim Products, are warranted to be free from defects of material and/or workmanship for a period of 1 year from date of sale, with the following exceptions:

Auxiliary Equipment
All auxiliary equipment (such as lamps, ballasts, and transformers) provided by and/or included in Kim Products shall carry the component manufacturer's warranty.

Copper and Bronze Landscape Components
Copper and Bronze Landscape fixture components shall be warranted against defects of material and/or workmanship, and failure due to corrosion, for a period of 25 years from date of sale.

Composite In-Grade Components
Composite In-Grade fixture components installed below grade, shall be warranted against defects of material and/or workmanship, and failure due to corrosion, for a period of 7 years from date of sale.

Aluminum Landscape Components
Aluminum Landscape fixture components not in direct contact with soil, shall be warranted against defects of material and/or workmanship for a period of 3 years from date of sale. Aluminum fixture components in direct contact with soil shall be warranted from defects of material and failure from corrosion for a period of 1 year from date of sale.

Limit of Liability and General Conditions
Only products which are installed, used and maintained in accordance with applicable Kim instructions, specifications and accepted trade practices, are covered by the Kim Warranty. During the warranty period, with proof of purchase, Kim will repair or replace with the same or similar product, at Kim's option, without charge. Labor costs are the owner's responsibility and are excluded from this warranty. This warranty is void if the product is modified, tampered with, misapplied, poorly installed, improperly maintained, or subjected to abnormal conditions.

Repair or replacement as provided under this warranty is the exclusive remedy of the purchaser. This warranty is in lieu of all other warranties, expressed or implied, including any implied warranty of fitness for a particular applicaton. Kim Lighting shall not be liable to the purchaser for indirect or consequential damages.

KIM LIGHTING

How may we serve you better?
Please let us know. Visit our website at:
www.kimlighting.com
Your concerns are important to us.