



KIM LIGHTING

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PATH or BORDER LIGHTS - Installation Instructions

KL177/179/180/182/185/187/188/189/190/192/195/197

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 re-lamping) 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 install luminaire within 10 feet (3.04m) of a pool, spa or fountain.

SAFETY WARNING: When relamping, be sure electrical supply is OFF. Lighted lamp is HOT! 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 fixture and be sure to allow fixture to cool before relamping. When relamping fixture avoid 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.

MAINTENANCE: 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.

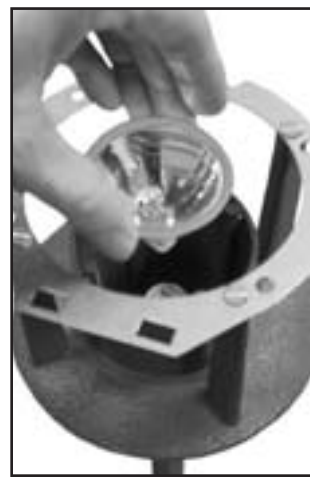
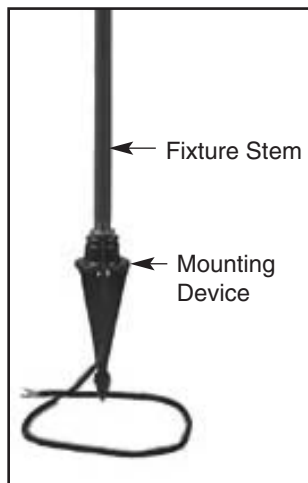
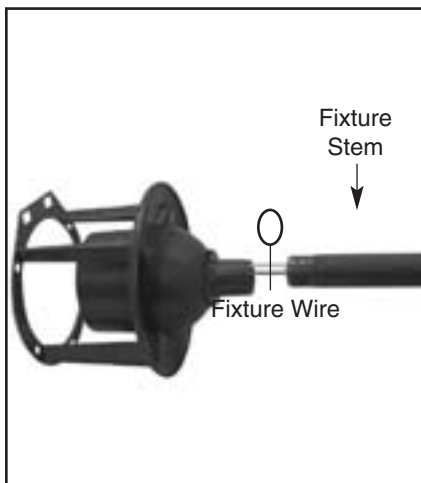
Note: Keep the lamp free from impact while burning, as this may deform the filament and shorten the lamp life. NOT INTENDED FOR INDOOR USE. All electrical work should be done by a qualified electrician.

Unit intended for mounting with Diffuser/Glass Barrier and Lamp Holder greater than 2 in. (5.08 cm) from the ground plane.

KEEP THIS SHEET FOR FUTURE REFERENCE

Tools Required: Adjustable Wrench

Installation Instructions: Make certain electrical supply is OFF before starting fixture installation.



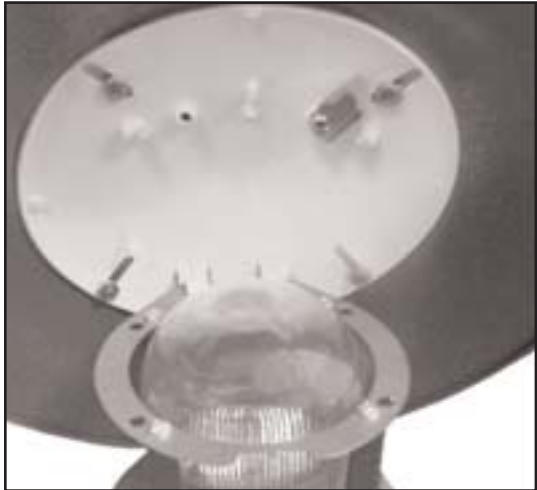
1. Feed wires through stem (short threaded end first), thread stem into fixture body and tighten securely.

2. Install stem onto desired mounting device.

3. & 4. Install lamp of type and wattage as shown on fixture label and chart on page 2. Do not exceed maximum wattage. Install lens. (Steps 3 & 4 not required on LED version, for LED fixture skip to step 5).

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5. Insert tabs on hood assembly into fixture slots and hinge cover down to latch.



6. Rotate stem to align fixture and tighten locknut securely.

Additional wire and connectors may be purchased from Kim Lighting:

- KLV427 #12-2 Cable
- KLV432 #8-2 Cable
- KLV410 Connector
- KLV411 Connector

LAMP INFORMATION		
Cat. No.	Lamp Type	Max. Watt
KLV177/179	MR 16 Bipin	50
KLV180/182	MR16 Bipin	50
KLV185/187	MR 16 Bipin	50
KLV188/189	L.E.D.	5
KLV190/192	L.E.D.	5
KLV195/197	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-Ground Components

Composite In-Ground 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 application. Kim Lighting shall not be liable to the purchaser for indirect or consequential damages.



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