



## INSTALLATION INSTRUCTIONS FOR KERR LIGHTING PRODUCTS FROM SNAP EDGE CORP.

**Thank you for purchasing Kerr Lighting products. Please read all instructions thoroughly before beginning and follow them carefully when installing your project. If you need assistance, technical support is available Monday to Friday, 8 AM to 5 PM CST by calling (800) 932-3343.**

*These instructions can be used for Kerr Paver Lights™, Retaining Wall Lights, Garden Wall Lights and Deck & Dock Lights.*

1. Draft a layout of your project showing the location where the transformer will be plugged in and the desired location of your lights. Lights are typically placed 5-8 feet apart for good lighting distribution but you may prefer otherwise.

2. Make sure you have the materials and tools needed to complete your installation. You'll need:

- Lights, each including
  - light base
  - light lens
  - lamp socket(s)
  - lamp(s) (bulbs)
- Connectors (2 per light)
- Low voltage power supply cable
- Transformer
- Tools:
  - Philips Head Screwdriver
  - Pliers
  - Wire Cutters



3. Split one end of the power supply cable and remove about 3/8" of the insulation on each side to expose the copper wire inside. Connect each side to the "A" & "B" screws on the back of the transformer.



4. Mount the transformer indoors or outdoors near a plug. Transformers placed near swimming pools or other water sources should be plugged into a GFCI-protected outlet and the control unit should be mounted at least 10 feet from the edge of the water. Do not plug in the transformer until all lights have been installed.

5. All Kerr Paver lights come preassembled with the bulbs in the sockets which are attached to the base.



6. Run the low voltage cable which will supply power to the lights around the perimeter of your project. For installation with segmental pavers, you may set the cable atop the bedding sand under the border course of pavers to keep it from being damaged when digging in the yard and so it can be easily located. Form a loop in the cable where the lights will be located (with a rubber band if desired) to leave enough slack for connection of the light to the power cable.



7. When using the silicone connectors cut the power supply cable in half where lights will be located and split it down the middle. Note that one side of the cable is ribbed and one is smooth. Do not strip the insulation from the cable. See back of sheet when using the brown connectors.



8. Wires will be rejoined and lights attached using the connectors. Examine the connectors and note that there are three holes in each. Take the ribbed side of one end of the split power supply cable and push it into one of the side holes in the connector. Push it in until it goes all the way to the back of the connector. Take the ribbed side of the other end of the split power cable and place it in the hole on the other side, again making sure that it is pushed all the way to the back. Finally take the black wire from a light and place it in the center hole, pushing it to the back of the connector. The connector should have 3 wires in it.



9. Once you have all three wires in each of the three holes and pushed all the way to the back, squeeze the connector with a pair of pliers to push the black cap down. This will make the connection between all three wires and will require some force. The connectors also contain silicone to protect the connection from moisture which may squeeze out on this step; be careful not to get it on your clothing.



10. Repeat steps 8 & 9 using the smooth sides of the power supply cable and the white wire from the light. You should end up with two connections per light as shown. **After all lights have been attached, plug in and switch on the transformer to test all connections.**



Note: When you reach the last light on the string, you will only use two holes on each connector as shown.



**Installation using brown saddle connectors (included with some Light Kits):**

Split the power supply cable down the middle without exposing the internal copper wire. Do not cut the cable in half.



Straddle one side of the split power supply cable with the connector and insert one of the wires from a light (either white or black) in the other hole in the connector as shown. Then crimp the connector with pliers and repeat the process for the other half of the of the low voltage cable. You should have two connectors per light.



11. Connectors should be buried below the pavers in the sand setting bed, in the ground, or in the stone behind retaining and garden walls.

12. Set the light fixture in its place. Make sure adjacent pavers sit on the "L" shaped feet that come with some Paver Lights or on the extended bottom plate that is part of the light base on others to hold down the light. Run the wiring under or around the existing or new pavers.



13. Install the light lens.

**Important notes:**

- Kerr Light Kits include transformers which are sized to accommodate the number of lights included in the Kit. Should you decide to add lights to the Kit, and when planning your project, the wattage of the transformer must exceed the total wattage of the lights on the power cable. For example, if your project includes 10 lights on a string, each with a 7 watt bulb, the transformer must exceed 70 watts of power (10 lights x 7 watts each).
- The closer your lamps are placed to the transformer, the higher their voltage (and wattage) readings will be. Those farthest away will have lower voltages. If a cable run is too long or if too many lights are being powered by a single transformer, noticeable voltage drop may occur. Voltage drop causes the lights farthest from the transformer to become dim. Voltage drop can be minimized by:
  - using a heavier gauge cable (Kerr Lighting recommends a maximum power cable length of 100 feet on 16/2 cable and 300 feet for 12/2 cable)
  - using a transformer with greater wattage
  - using multiple transformers
  - shortening cable lengths
  - reducing the total number of fixtures on a run
- When using Kerr Paver Lights in a new installation, light lenses can be scratched by plate compactors if not protected. Please cover the lens with cardboard or a similar protective material to ensure that it does not become damaged during compaction.
- Do not apply paver cleaners or sealers to the light lens to prevent discoloration.
- Accessory and replacement parts, including lenses and colored bulbs, are available from Kerr Lighting. Please contact your local supplier or call Kerr Lighting Customer Service at (800) 932-3343 for more information.



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