



## Instructions for KC #310 (4 x 5w) LED Light System

Thanks for choosing a KC HiLiTES product. We take pride in building the highest quality, best engineered systems possible. Your satisfaction with our product is important, so if you have any questions, please call our customer service line at 800-528-0950. **For warranty information, visit our website at [www.kchilites.com](http://www.kchilites.com).**

### Parts Included

- 2 - LED Lights
- 1 - Wiring Harness Kit

### Tools Needed

- 6mm Hex Key
- 13mm & 17mm Box End Wrench
- 1/8" drill
- Phillips Screwdriver



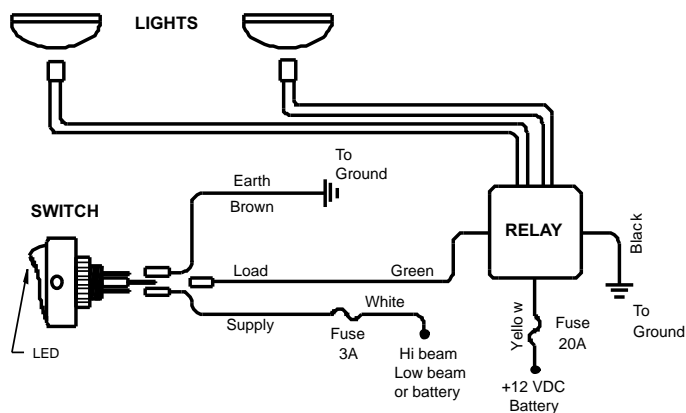
**PLEASE NOTE - These lights are for OFF ROAD USE ONLY**

### MOUNTING YOUR LIGHTS

1. Choose a location on your bumper or other place for mounting your lights, ensuring they measure an equal distance from each end of the bumper. After marking the location for mounting, drill a 10mm (7/16") hole for each light. Install the lights and loosely tighten the nut (you will secure them later when aiming).

### WIRING YOUR LIGHTS

1. **Remove the fuse from the harness.** Find a suitable location inside the passenger compartment for your switch. Mark and drill two 1/8" holes, insert screws and loosely install the panel to ensure fit. Remove panel, install switch, and slide panel with switch, back in place. (*Do not tighten. The panel and switch will be removed when attaching wires.*)
2. Connect the light wires to the lights and route the harness back toward the 12V battery or power source. Attach the relay within 24" of your power source. (**DO NOT CONNECT TO BATTERY AT THIS TIME**)
3. Continue routing the **white** and **green** wires of the harness into the vehicle toward the switch. Once the wires are inside the vehicle near the switch, remove the panel with switch and attach the **green** wire to the switch terminal marked **LOAD**. Attach the **white** wire to the switch terminal marked **SUPPLY**. Attach one end of the **brown** wire to the switch terminal marked **EARTH** and the other end to a good grounded metal surface under the dash. Re-attach the panel with switch and secure with screws.
4. Before attaching wires to the power source, ensure the switch is in the **OFF** position (see photo). At your 12V power source, connect the **yellow** wire to positive 12V and the **black** wire to a good chassis ground or negative post on the battery.
5. The **white** wire is the trigger for the relay and must be connected to a 12V power source. We recommend a source that is activated by the ignition switch so the lights will shut down when the key is off.
6. Replace the fuse and turn on your lights.



### AIMING YOUR LIGHTS

1. Since lights such as these are not legal on any public road or highway, aiming your off road or competition lights is entirely up to you. Most prefer the beam as far down the road as possible, others adjust them slightly off to the sides.
2. After aiming the lights to your preference, tighten all hardware.

### YOU'RE DONE