

HTD LIGHTING ENGINEERING

Providing

LED Lights for all your Model Railroading and Hobby needs.

Instructions for pre-wired single Led lighting to be used with or without mounting bezels.

SINGLE LED INSTALLATION: The black bezels installed on the Led lights come off by holding the rear part of the bezel and sliding the front piece off over the bulb, the clear piece comes off by sliding it down over the wires and off. To reinstall after sliding the clear part up over the wires and snug to the Led bulb just hold it in place right behind the bulb and install the second part by going over the bulb and lightly pushing it inside of the black front piece it fits inside. You can adjust the depth of how you like the bulb to protrude either flush or projected a little.

TO INSTALL LED USING A BEZEL: You need to drill a hole approximately 9/32 and make sure all the rough edges are removed, separate the front part of the bezel from the rear part including the Led, then install the front part of the bezel into the hole you just drilled by pushing it in and snug of the hole you just drilled, next make sure the clear piece is installed on the Led and from behind your hole insert it into the front part of the bezel, you can adjust how much of the Led bulb you like to have protrude out of the front part of the bezel, you may leave the bulb exposed slightly or flush mount it, your choice.

WIRE COLOR: The solid red wire is the Positive, and the black is negative (-), you must connect the red (+) wire to the (+) side of your source and the Negative wire (-) to the negative side of your power supply. If for some reason you need to cut the wire on the Led lights you will see the heat shrink tubing on the Led is in about the middle, there is a diode in there so make sure you cut the wire either after or before it leaving enough wire to reconnect, make sure you connect the solid red wire to red and the black to black wire, I also included some wire nuts that fit the wire perfectly in the event you should need to cut the wire.

If you have any problems or questions please feel free to contact me either by phone at 760-231-1884 or by email at htdinfo@cox.net

Thank you again for your order.

Warmest Regards,

Lee