

SC-5 Conversion Kit

Upgrades STRD-20S to STRD-30S Visible Red LED

The LS-30-2 dual power supply replaces the combination of EL-2 and EL-10 power supplies. The LS-30 power modules are identical but the left hand unit is labeled analog and the right hand unit is labeled digital.

We recommend #18 wire be used for power to the LEDs.

Following is a list of the steps:

1. Remove the original halogen lamp plate and fiber optic assembly.
2. Replace the standoff that is attached to the locator plate. Use the 4-40 flat head screws provided. The screws will not be accessible later so you should use some removable thread locker.
3. Attach the new dual copper LED mount assembly to the standoff with the black 4-40 flat head screws provided. Use care not to bump the surface of the LEDs.
4. Wire the small connectors on the LED assembly to the LED power terminals of the power supply. Gently plug the connectors into the sockets and carefully route wires to minimize strain on the connectors. The green connector is for the digital LED. Black is the analog.
5. Remove the analog reader and cut the links labeled JP3 and JP4 that are located above the wiring connectors.
6. Remove existing digital reader.
7. Place the upgraded digital reader into the lens mount, plug in the cable and reattach mount.
8. Align readers and LEDs per instructions.