

## CC-5 Conversion Kit

### *Upgrades STRD-20C to STRD-30C 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. 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.
3. 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 for the analog.
4. Remove the old adaptor block assembly and replace it with the one sent with the conversion kit. (The old adaptor block may not work).
5. Remove the analog reader and cut the links labeled JP3 and JP4 that are located above the wiring connectors.
6. Remove the existing digital reader.
7. Remove the old lens block assembly and replace it with the one sent with the conversion kit. (The old lens block assembly may not work).
8. Place the upgraded digital reader into the lens mount provided with the conversion kit, plug in the cable and reattach the mount.
9. Align readers and LEDs per instructions.