

# Film-Tech

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# Component Engineering

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## SC-5 and CC-5 Upgrades STRD-20 to STRD-30 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 Digital.

We recommend #18 wire be used for power to the LED's.

Following is a list of the steps:

1. Remove the original halogen lamp plate and fiber optic assembly.
2. Replace the stand-off that is attached to the locator plate. Use the 4-40 flathead 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 stand-off with the black 4-40 flat head screws provided. Use care not to bump the the surface of the LED's.
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 and package for return.
7. Place the upgraded Digital reader into the lens mount, plug in the cable and re-attach mount.
8. Align readers and LED's per instructions.