

WARNING! Disconnect fixture before any service is performed. Never open the fixture while it is still plugged in. Stage lights get very hot! Do not touch any fixture to any person or material without proper protection.

WARNING! Do not hang the unit upside down. Always be sure the side handles are securely locked to prevent accidental loss of an accessory. L&E's ellipsoidal spotlights are designed to be hung with the open side of the color/accessory holder at the top. This prevents any installed accessory from falling out (including any pattern holder inside the unit). When aiming at a severely downward angle, check to be sure installed accessories will not fall out. **NOTICE!** The fixtures may emit some degree of smoke when they are first energized. This is normal, and the duration and the amount of smoke is dependent upon the wattage of the lamp used. After the initial "burn in" period, the fixtures will no longer smoke.

Lamp Replacement:

1. **WARNING!** Unplug the fixture and allow it to cool down enough to safely handle. Remove the cap at the back by loosening the captive screw(s) and pulling the cap straight out of the unit.
2. Remove lamp by holding the lamp base and pulling it straight out of the socket. Take the new lamp and push it into the socket until it seats completely. Failure to properly seat the lamp will result in premature lamp or socket failure. **NOTICE!** Touching the glass portion of the lamp with your skin may result in premature lamp failure.
3. Re-insert the cap and secure the captive screw(s).

Beam Definition Adjustment:

1. Loosen the knob at the front portion of the lens tube.
2. Pull the lens holder in or out to adjust between a sharp focus (hard edge beam) or a soft focus (soft edge).

Shutter Adjustment:

1. The shutters are inverted by the beam, therefore the top shutter covers the bottom of the beam, the left covers the right side, etc. The shutters are located near the center of the unit (they have fibre finger tabs).
2. Slide the appropriate shutter in or out to achieve the desired beam shape.

Installing a Silhouette Pattern:

1. Cut the pattern (if necessary) to fit into your pattern holder. When installing the pattern in the holder, remember that it will be inverted when projected (top will be bottom, left will be right).
2. Slide pattern holder into slot located in front of the top shutter.

Lamp/Reflector Alignment: AQ61 Series only. AQ35 alignment is fixed. *Note: CW = clockwise, CCW = counterclockwise*

1. Aim the unit at a flat, matte surface and adjust it to a hard edge beam as described above.
2. Loosen the center screw on the cap to allow free rotation of the three adjustment screws around it.
3. The "hotspot", or brightest area of the beam, should be at the center. Moving the lamp into the reflector tightens the hotspot, making it more intense. As the lamp moves out of the reflector the hotspot spreads out more evenly across the field. Turning the adjustment screws CW moves the lamp out of the reflector; CCW moves the lamp into the reflector. Turning the upper-left screw CW moves the hotspot down and to the right, CCW moves it up and to the left. Turning the upper-right screw CW moves the hotspot down and to the left, CCW moves it up and to the right. Turning the bottom screw CW moves the hotspot up, CCW moves it down.
4. Tighten the center screw to lock the settings when you are finished.

Lens Tube Replacement: AQ61 Series only

1. Stand the unit on its color/accessory holder.
2. Remove the four 6-32 screws holding the head on the tube.
3. Lift the head off the tube. The head can now be placed on any other lens tube designed to accept it. Secure it on the new tube using the four 6-32 screws.

Lens Cleaning and Replacement:

1. Remove the spring ring holding the lenses in place by squeezing the tabs together using pliers. **WARNING!** Be sure to keep the lenses from falling out when removing the ring.
2. Clean the lenses using a soft cloth and a cleaner that will **not** leave a residue (some cleaners leave something behind that can smoke or burn, ruining the lens). Allow the lenses to dry completely before replacing.
3. Install the lenses in the holder and secure them with the spring ring. **WARNING!** Be sure the ring is locked behind all three retaining dimples in the lens holder.

Shutter and Reflector Maintenance:

1. Open the unit at its center by loosening the thumb screw on the top of the center section (shutter-center).
2. Clean off the shutters and reflector and allow them to dry completely before closing the unit. Use a cleaner that will **not** leave a residue (any residue will burn when the unit is on, possibly destroying the reflector or shutters).
3. Replace the shutters by cutting off the finger tabs, removing the screws holding in the pressure plate, and disassembling the shutter-center assembly. Reassemble the shutter-center using new shutters and finger tabs.

