

LIGHT MAINTAINANCE

- 1.) Clean everything. Check with the manufacturer on recommended chemicals-- glass and window cleaners will often remove the non-reflective coating on many lenses.
 - a) outside
 - b) lenses
 - c) reflector (if it won't come clean, replace it)
 - d) lamp
- 2.) Check the condition of the socket. If there's evidence of a carbon buildup in the sockets, replace it now, or at least tag it as a unit to watch.
- 3.) Check/replace the strain relief on the lead at both the instrument and connector.
- 4.) Check the wiring in the connector.
- 5.) Check the lamp; make sure it's the appropriate wattage. Virtually every company/theatre I've worked for has overlamped their x9s and x12s. Nothing causes more maintenance needs than an FEL where a EHG should be. :)
- 6.) Check the operation of the shutters. Replace if they're too badly warped or even burned through (Make sure that they produce a clean STRAIGHT line)
- 7.) Check the operation of the barrel. If it's finicky or sticky, pull it out and thoroughly clean out the tracks.
- 8.) Check the tilt-lock knob on the side of the unit. Does it lock?
- 9.) Tighten every nut/bolt/screw on the unit. Expansion and contraction of metal tends to loosen them.
- 10.) Check the C-clamp. Make sure it's not bent out of shape from being overtightened. Make sure the pan adjust nut still tightens.
- 11.) Bench Focus. Peak or flat, your choice.