

Re: DLP

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- *From:* zekfrivo@xxxxxxxxxxxxxxxxxxx (GregS)
 - *Date:* Mon, 28 Apr 2008 18:12:44 GMT
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In article [gunRj.9380\\$E77.5795@trnddc05](mailto:gunRj.9380$E77.5795@trnddc05), "James Sweet" jamesweet@xxxxxxxxxxxxx wrote:

"GregS" zekfrivo@xxxxxxxxxxxxxxxxxxx wrote in message [news:fv4nmp\\$55n\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:fv4nmp$55n$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Working on a DLP projector, no light. I don't measure any voltage going to a lamp socket with lamp disconnected. I looked for both AC and DC.

Looks like there is a whole board for the supply with OSRAM parts. Anything else to check ?

greg

You could find the signal line that triggers the lamp driver to turn the lamp on and make sure it's changing states when the lamp should light.

Be *very* careful probing the lamp sockets on these, a properly working driver will supply pulses of several kilovolts to ignite the arc in the lamp. You can easily fry your meter, or worse.

The drivers are essentially switchmode power supplies configured to supply a constant current rather than a constant voltage. Standard SMPS troubleshooting applies, taking into account the greater than usual high voltage hazard.

I used an old analog meter. There is a LED lamp on indicator on the top of the unit, and it does go on. Evn if I just had a bad lamp, I would imagine there would still be a clicking or visable arc around the lamp. \$435 for a new lamp, wow.

greg

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