

Re: Help with projector problem

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Have a look at the price for similar street lamps. I have bought them for less than \$50 for HID's. Ok, they are different:

- operate via 60 Hz ballasts instead of the DC ballasts in projectors,
- have both electrodes the same size (projector bulbs have one much larger than the other as they are DC),
- have a much wider gap (projectors need almost point source for even coverage),
 - are not concerned with exact color temperature,
 - are contained inside a large glass envelope and not precision mounted as are projector lamps,
- last 8000 hours upwards!!! (i have one that is still going with good light output after 8900 hours - in a projector)

jakdedert wrote:

> *James Sweet wrote:*

>

>>>*Somebody's gonna make a projector with a \$100/2000 hour/2000 lumen replacement bulb and sweep the market...maybe actually use an existing type lamp (maybe one of the numerous, multiple sourced, stage lighting types?) instead of designing one which will only fit that model. At that point, LCD projectors will become economical for home viewing.*

>>>

>>>*jak*

>>>

>>>

>>

>>*Don't hold your breath. Yeah there's some gouging going on, but the lamps are expensive because they're precision made, taking into account brightness, color temperature, color rendering index, uniformity, warmup time, etc, there's a lot more to it than just producing a bright light. The best hope is that the technology will stabilize and lamps will become standard across at least projectors of the same class.*

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> *Believe me, I'm not gonna be holding my breath. Yes, they are precision made, but how many parts #'s are out there? I've only seen a few of the*

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- > replacement lamps, so I don't know; but would there be any possibility of
- > producing an adaptor of some sort which would allow at least some
- > commonality among various brands? As to color temperature, the stage
- > lighting types are pretty closely matched as well, but could that not be
- > compensated for in the projector settings? Maybe not close enough for
- > critical video viewing, but most of these get used to project computer
- > images, IME (PowerPoint presentations). Absolute color accuracy is not an
- > issue there. In fact very few projectors--placed side by side--look the
- > same in this respect, anyway.
- >
- > I believe, having used these things in the A/V Presentations industry since
- > they were introduced (and operating CRT projectors for years before that),
- > that we're reaching a critical mass. The new machines are getting lighter
- > and smaller. New models are constantly being introduced, but are still
- > expensive...with a prohibitively high maintenance issue down the line. With
- > millions of older units out there, I believe that if someone could introduce
- > a cheaper alternative (I think half list price would be ideal, but even a
- > 25% reduction might do it.) for replacement lamps, that the world would beat
- > a path....
- >
- > jak
- >
- >