

RIVERSIDE

Full Service Electrical Contractor

Lighting Management, Electrical Contracting,
Installation, Maintenance, Repair & Retrofit

Thinking LED... Think Riverside

Summer Newsletter 2016

CONVERT to LED

CONTROL via the internet

COMPLY with IES standards

The LED conversion lamp (corn cob) is not always the best lighting solution. The corn cob lamp is one of the many great LED possibilities that saves energy and lowers maintenance costs however there are a few drawbacks to this light source to be aware of:

- Globally, the corn cob lamp has a 16% fail rate within the first year. Protect yourself with a replacement warranty that includes labor as a component of the terms of the warranty.
- Energy savings is not the ONLY factor to consider when selecting an LED light source. Light output, especially in outdoor applications is CRITICAL to maintain safe, well lit areas. Verify that light levels do not fall below recommended levels before converting to any LED source, especially the corn cob. Lighting conversions that fall below recommended light levels could be a potential liability.
- Literature can be deceiving and may not tell the whole story....Just because the literature states that a certain wattage LED lamp replaces a certain wattage HID lamp may not always be the case in the real world.
 - Here is a practical example: The literature for a 120 watt corn cob lamp states that the lamp delivers 12,000 lumens and is equal to a 400 watt metal halide lamp. What they don't tell you is that a metal halide lamp delivers 32,000 (initial) lumens. The mean lumens drops to 22,400 (mean lumens occur at about 1 year).
- Read the fine print on the corn cob lamp: these may be humorous but true.....
 - One warranty stated that the lamp had a 5 year warranty based on 3 hours burn time per night
 - One warranty stated that the warranty does not apply if the lamp is operated in a horizontal position (shoe box type fixtures, most wall packs, some canopy fixtures, etc)
 - One warranty stated that the company will replace the warranted lamp within 90 day

A practical solution to prevent liability exposure is to verify post-conversion light levels PRIOR to converting. The corn cob lamp may be inexpensive, and may qualify for a rebate, but it is not always the right LED solution. In light (pun intended) of a potential liability suit, is the corn cob the right answer for your application? Riverside can help you wade through the hype and protect you by providing light level lay outs....let us help protect you as you protect your owners and patrons. We can also give you control and access to the lighting systems in your portfolio....ask us how. Lights of the future will be controlled over the internet, will be dimmable, can listen, can have cameras, can be used as Wi-Fi hubs, and many other options. Riverside can show you how to use technology to meet the changing demands of society.

COMING SOON

Watch for information on our upcoming LED Lunch and Learn venue that will feature LED products and get you up to speed on the latest in LED technology.

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