

Questions & Answers from MaxLite's February 26th 2015 Webinar: "Linear LED T8 DirectFit Lamps"

Q: Not having read the compatibility list, does High Ballast Factor models also compatible? If it does, any effect on the LED tube?

A: Yes, our DirectFit lamps are compatible with High Ballast Factor ballasts. The lamp will consume a little more power and produce a little more light compared to Normal or Low Ballast Factor ballasts.

Q: Where is the driver for LED T8 lamps? Is it internal?

A: Yes the driver is internal. For the half-aluminum/half plastic tubes, the driver is located inside the aluminum heat sink. For the glass tubes, the driver is located in the end caps.

Q: We have heard that the bypass LED tubes using line voltage void UL fixture listing and that insurance companies have concerns about this. Also, is Canada considering restriction of there use? Can you make comment to these statements?

A: According to UL, using LED tubes to retrofit fluorescent fixture, bypassing the ballast and running the power directly to the lamp holder will not "void" the UL fixture listing. Basically, the UL certification is now transferred to the LED tube/retrofit kit, which is covered under UL standard 1598c. Installers should follow all instructions and the fixture must be clearly labeled to warn users against re-installation of fluorescent lamps. Re-lamping labels are included with our products.
[See attached white paper from UL regarding this topic.](#)

I believe some Canadian utilities are restricting the use of bypass tubes and only offer rebate for ballast compatible tubes (DirectFit). This is similar to the situation here in the US for Maryland and Chicago areas.

Q: Are the PL lamps DLC?

A: No DLC category for PL lamps but we are looking into qualifying the PL lamp as a downlight retrofit with Energy Star

Q: Might be a silly question, but why glass? (Referring to 18W DirectFit)

A: Cost reduction - our factory already produce fluorescent tubes.

Q: Are the lamps you talked about today E* Rated or will they be?

A: DirectFit T8 tubes are DLC qualified. DirectFit PL lamps are in the process of testing to qualify for Energy Star.

Q: How hot of ambient temperatures can you get to? (Referring to DirectFit T8's)

A: Typical room temperature is 25C or 77F. The operating temperature range for our tubes is -4 to 113F.