Product Notice: Modifications to Installed Orion Energy System Fluorescent Fixtures with LED technology products

We have been approached by some of our customers regarding the in-field conversion of Orion manufactured fluorescent fixtures, with unapproved, after-market “conversion” LED products. Our position as to whether a conversion is advisable is based upon the facts around safety, UL design and manufacturing compliance, electrical code compliance, warranty, performance and Intellectual Property.

Orion’s fixtures are designed and manufactured with safety as a primary criteria. This includes the electrical components and the fixture body. An important step in the design and manufacturing process is the achievement of a UL (Underwriting Laboratories) listing. Orion designs its product to meet these standards, and our factories are also UL approved. When a product is manufactured to these standards for a specific technology and then is subsequently modified, its UL status becomes null and void.

Converting an Orion fixture from fluorescent to LED will void all warranties that came with the original sale. Modifying a fixture in the field could also result in a violation of the National Electric Code (NEC).

Orion fluorescent fixtures are originally designed and manufactured with fluorescent technology and the performance standards of the fixture are specific to that particular model # and technology. Converting a fixture without addressing the original design will change the performance. The modification causes issues as to the fixtures intended use and may cause risk for the manufacturer and customer.

The conversion of a fixture from fluorescent to LED may also violate various patents or patents pending for that particular fixture model.

Based upon these facts, Orion recommends that its fluorescent fixtures are not converted with LED technology unless it is a factory approved product. Any questions related to this issue can be addressed to Orion. Thank you for your attention to this notice.

Sincerely,

Scott Green
Division President
OES and Product Development

Scott Lowden
Manager – Project Engineering