



## UL Safety Testing and Compliance

All **TUFF\*GLO** LED lighting product which operates at 120 volts or higher is designed and tested to comply with UL product safety standards. The UL safety standards which apply are;

- UL 1598; Luminaries
- UL 8750; Light Emitting Diode (LED) Equipment for Use in Lighting Products

Every **TUFF\*GLO** LED lighting product is designed with ruggedness and safety as the #1 priority. So, you can be confident that the product will meet or exceed your expectations, and that the product easily meets all the requirements set forth in the UL standards. These UL standards cover many aspects of safety of electrically operated lighting fixtures. UL testing of the **TUFF\*GLO** LED lighting product is performed by an independent, recognized, testing laboratory. The following list gives just some of the testing that the **TUFF\*GLO** LED lighting product is subjected to during the UL approval process;

- Electrical insulation and spacing.
- Voltage and frequency.
- High and low temperature operation.
- Temperature rise.
- Heat resistant properties.
- Resistance to ignition sources, fire, and flame test.
- Protective devices.
- Mechanical construction.
- Impact strength
- Protection from electric shock.
- Strain relief and mechanical mounting.
- Rain and sprinkler test (for weatherproof products).

Complete UL test reports are available on request.

