



UL 8750

Underwriters Laboratories Inc.
Standard for Safety

Light Emitting Diode (LED)
Equipment for Use in Lighting
Products



UL Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750
First Edition, Dated November 18, 2009

Summary of Topics

This revision to ANSI/UL 8750 includes the following changes in requirements:

- *Revise definition for dead conductive part*
- *Revise risk of electric shock definition*
- *Allowance for LED drivers to comply with UL 935*
- *Remove restriction requiring epoxy material for potting compound in 6.6.1*
- *Clarify requirements for asphalt potting compounds*
- *Add exception to 7.1.2 to allow gold or aluminum conductive materials on trace conductors and electrical connections*
- *Revise 7.3.4 to include provisions for solder connections using solder reflow method*
- *Add additional wire types for power limited circuit wiring*
- *Add requirements for transformer or coil insulation systems that operate above Class 105(A) limits*
- *Clarify requirements for Class 2 output circuits*
- *Revise Table 8.1 to include temperature limits for switches, terminal blocks, connectors and other discrete devices*
- *Revise requirements involving cheesecloth to include fire indicator material*
- *Revise requirements for leakage current measurement test in Section 8.7*
- *Environmental tests and Class 2 applications*
- *Marking provisions*
- *Revise coil insulation requirements to allow triple insulated wiring in transformers/inductors*
- *Add test oven specification for temperature test*
- *Miscellaneous and minor proposed revisions to clarify original requirements*

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