

UL Guide for Getting Started

The following information is a summary that is intended to expedite a UL investigation and provide answers to frequently asked questions. More information is also available on UL's Web site at www.ul.com.

Where can a manufacturer obtain a copy of the UL requirements?

Call Comm2000 at 1-888-853-3503, fax at 1-888-853-3512 or order at www.comm-2000.com. A subscription will provide information regarding proposed changes to the Standard, an opportunity to comment on the proposed changes to the Standard, and new or revised pages for the Standard. If your company has UL certification, ask for the UL client discount.

How are UL Listed and Recognized Components identified?

The UL Mark on the actual product is the manufacturer's declaration that the component is built in accordance with the UL requirements.

Manufacturers of UL Listed ballasts, conduit, conduit fittings, lamp holders, wire and many other certified products are identified in the "Electrical Construction Materials Directory." Recognized Components are identified in the "Recognized Component Directory." UL Recognized plastics are identified in the "Plastics Recognized Component Directory." UL's product directories also contain important information about the intended use of the product.

Where can a manufacturer obtain UL product directories?

The Directories are available for purchase from UL by calling 1-847-272-8800, ext. 42899, or through UL's Web site at <https://www.ul.com/info/dirorder.cfm>.

Information on all UL certified products could be found in the *Online Certifications Directory* available at www.ul.com/database.

How does a manufacturer order UL Listing Marks?

Please use the order form enclosed with the application for investigation. Rush orders may be placed by phone or fax.

How are UL Listing Marks controlled?

A UL Inspection Center retains the UL Marks until the manufacturer can demonstrate that only products that are eligible to bear the UL Mark are to be labeled. The local UL field representative will deliver the UL Listing Marks as needed.

What is Follow-Up Service?

A local UL field representative will visit the manufacturer at least four times per year to determine that the UL Mark is only being used on products that are manufactured in accordance with UL's requirements. Additional visits may be required, depending upon the amount of products manufactured.

Copyright©2006 Underwriters Laboratories Inc.®

An independent organization working for a safer world with integrity, precision and knowledge.



UL 1598 Quick Reference Guide

What requirements does UL use to evaluate luminaires?

UL 1598, the UL Standard for Safety for Luminaires, contains the requirements UL uses to evaluate luminaires. Please see page one of this guide for details on where UL 1598 can be purchased. A copy of the Follow-Up Inspection Instructions (FUIIs) will be enclosed with the application for UL Listing.

How do I obtain a quote for a UL Listing of incandescent luminaires?

Submit an e-mail including your contact information, company name, address and a brief description of your product to Lighting@us.ul.com. The subject line should read: **Request for Quote:UL 1598 General Coverage Program**.

What determines if a luminaire is covered by UL's General Coverage program?

The General Coverage program is a special certification program offered by UL based on the design features of a luminaire. A UL engineer or a UL field representative determines if the construction of a luminaire qualifies it to be evaluated under the General Coverage program.

There are basic luminaire construction features that lend themselves to evaluation at the factory by a UL field representative using UL 1598. This reduces the description detail in the FUS Procedure and provides greater flexibility to the manufacturer. The clauses in UL 1598 that address these basic construction features are known as "Inspector Clauses" and are identified in the FUIIs.

The FUS Procedure for a luminaire with construction features evaluated using **only** Inspector Clauses will contain only two key requirements: a reference to UL 1598 and a copy of the FUIIs. UL 1598 identifies specific luminaire constructions that are exempt from the normal temperature test. The UL field representative will use the pertinent clauses in UL 1598 to determine compliance when performing an audit. A luminaire design that uses Inspector-clause construction features **exclusively** and complies with the temperature-test exempt construction criteria is referred to as a Test Exempt General Coverage luminaire. This is often referred to as a General Coverage luminaire.

What determines if a luminaire **cannot** be considered for the General Coverage?

Additional evaluation and testing by UL's engineers are required for some luminaires. Some of these luminaires include those:

- Utilizing a polymeric electrical enclosure
- Using HID lamps
- Using LEDs
- Of the recessed type
- For wet locations
- Suitable for through branch
- Intended for use as air handling registers
- Intended for use in non-residential occupancies in exhaust ducts or hoods above cooking equipment.

If your luminaire meets these criteria, please submit a request for a quote as mentioned above.

What special equipment is needed to be a manufacturer of UL Listed luminaires?

Depending on the type of luminaire being built, luminaire manufacturers will need an ohmmeter or similar indicating instrument capable of measuring 0.10 ohm; 35-, 30-, 20- and 5-pound weights; 50-pound scale; clock with second hand; 6-inch ruler with 1/32-inch divisions. All items are to be calibrated. See UL1598 for specific details.

What records does a luminaire manufacturer need to maintain?

The manufacturer should retain appropriate calibration records for test equipment, test records of all required production tests, file of installation instruction for each luminaire, specification sheets for all electrical components used in the manufacture of luminaires and the Listing Mark tags on all wire spools. The luminaire manufacturer is also required to maintain the FUIIs, FUS Procedure and an up-to-date copy UL 1598.

What type of UL Listing Marks should a luminaire manufacturer order?

UL has standard Listing Marks available for luminaires. Please discuss the specific Listing Mark with your project handler. A Listing Mark with the UL Marks for both the United States and Canada is also available.

What are the charges to maintain certification?

An annual maintenance fee of about \$1,055 for each manufacturing location is charged in January of each year to cover ongoing maintenance and periodic review of customer files to maintain the integrity of the UL Mark. This fee is for one file number, but is graduated based on the number of files at each manufacturing location.

How much does Follow-Up Service for manufacturers located in the United States cost per year?

Manufacturers are charged a fixed fee for each production inspection visit. This fee varies by location and covers in-plant inspection time, travel time and related expenses. In most instances, a minimum of 12 inspections per year will be conducted at the task rate fee, which is assessed per production inspection. Additional inspections may be necessary, depending on the quantity of production.

The task rate fee varies by region. The current fee in the United States is approximately \$275 per inspection and is based on the location of the manufacturing facility. Please contact your project handler for the latest costs and for specific charges for manufacturers located in other countries.

If you wish to proceed with submitting your product for a UL Listing, please:

- Go to **www.ul.com/services/submittal.html#begin** for information to begin the process
- Contact UL Customer Service in the United States at 1-877-UL HELPS (1-877-854-3577); via e-mail at **CustomerService.NBK@us.ul.com**; or by fax at 1-847-407-1395.

Thank you for your interest in Underwriters Laboratories Inc. We look forward to working with you.