



UL 122

STANDARD FOR SAFETY

Photographic Equipment

UL Standard for Safety for Photographic Equipment, UL 122

Fifth Edition, Dated October 29, 2007

Summary of Topics

This revision of ANSI/UL 122 dated October 15, 2019 includes the addition of reference UL 62368- 1 as an alternative to UL 60950-1.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated July 26, 2019.

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OCTOBER 29, 2007
(Title Page Reprinted: October 15, 2019)



ANSI/UL 122-2019

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UL 122

Standard for Photographic Equipment

First Edition – February, 1974
Second Edition – August, 1984
Third Edition – June, 1993
Fourth Edition – April, 1999

Fifth Edition

October 29, 2007

This ANSI/UL Standard for Safety consists of the Fifth Edition including revisions through October 15, 2019.

The most recent designation of ANSI/UL 122 as an American National Standard (ANSI) occurred on October 1, 2019. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page. Any other portions of this ANSI/UL standard that were not processed in accordance with ANSI/UL requirements are noted at the beginning of the impacted sections.

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INTRODUCTION

1 Scope

1.1 These requirements cover electrically-operated, cord-connected photographic equipment rated 300 V or less, and permanently connected photographic equipment rated 600 volts or less, intended for household or commercial use on interior wiring systems in accordance with the National Electrical Code, NFPA 70. These requirements also cover battery-powered photographic equipment involving a risk of fire or electric shock.

1.2 These requirements cover motion picture projectors, including those intended for use in motion picture theaters; still picture projectors; equipment intended for use in taking photographs; accessories intended for use with or installation upon picture projectors or intended to be employed in viewing, editing or handling films, slides, pictures, drawings, or similar stationary graphic material; cameras; chemical replenishers; contact printers; enlargers; exposure meters; film copiers, film cutters, film dryers; film editors; household film viewers; film and paper processors; film rewinders, film strip projectors; film strip projector-phonograph combinations; film strip projector-tape player combinations; motor-operated projector screens; silent and sound motion picture projectors; print dryers; print processors; printing easels; opaque projectors; overhead projectors; photoflash equipment; photographic timers; photometers, flash cameras; slide projectors; silver recovery units; slide projector-phonograph combinations; slide projector-tape player combinations; slide sorters; slide viewers; stripping and line-up tables; video printers; and similar equipment.

1.3 These requirements do not cover commercial film viewers and dark room safelights, which are evaluated under the requirements for fixtures and portable lamps; projector tables, which are evaluated under the requirements for utility tables; microfilm and micrographic equipment, which are evaluated under the requirements for office appliances and business equipment; or portable photographic lamps and floodlights, which are evaluated under the requirements for stage and studio lighting fixtures.

1.4 Electric photographic equipment intended for use in a hazardous location as defined in the National Electrical Code is evaluated on the basis of its compliance with the requirements in this standard, and other appropriate examination and tests to determine whether it is acceptable for the purpose.

1.5 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this standard, and that involves a risk of fire or of electric shock or injury to persons shall be evaluated using appropriate additional component and end-product requirements to maintain the level of safety as originally anticipated by the intent of this standard. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this standard does not comply with this standard. Revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this standard.

2 General

2.1 Components

2.1.1 Except as indicated in [2.1.2](#), a component of a product covered by this standard shall comply with the requirements for that component. See Appendix [A](#) for a list of standards covering components generally used in the products covered by this standard.

2.1.2 A component is not required to comply with a specific requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or