

STANDARD INFORMATION

Standard: UL 153

Standard ID: Portable Electric Luminaires [UL 153:2014 Ed.13+R:24Feb2025]

Previous Standard ID: Portable Electric Luminaires [UL 153:2014 Ed.13+R:03Apr2024]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **April 3, 2027**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

General Coverage clients' reports will be updated on their next annual training.

Overview of Changes:

- Marking Adjusted to Remove the Word "max"
- LED Portable Luminaires with Smaller than 18 AWG Power Supply Cord
- Photobiological Safety Assessment for battery-operated portable luminaires with visible light spectrum light source
- Button Batteries or Coin Cell Batteries

Specific details of new/revise requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
17	Info	Strain Relief
17.3		A clamp of any material (metal or otherwise) shall not be used with Type SPE-2, SPT-2, SVT, or SVTO flexible cords, or a <u>power supply cord for LED portable luminaires covered by the requirements of Sections 69A – 69C.</u>
31	Info	Power-Supply Cords
		<i>New clause added;</i>
31.5A		Integral parallel flexible cord Types SP-2, SPE-2, SPT-2, or a power supply cord for a LED portable luminaire covered by the requirements of Sections 69A – 69C, that is located within a portable luminaire shall be permitted to be separated more than 3 inches.
47	Info	Portable Luminaires with Batteries
		A portable luminaire that incorporates a button or coin cell lithium batteries shall comply with the accessibility requirements of the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies 4200A.
47.4.1		<u>A product or a product accessory, such as a wireless remote control, incorporating one or more button batteries or coin cell batteries having a maximum diameter of 1.25 inches (32 mm) with the diameter being greater than its height, shall comply with the Standard for Products Incorporating Button Batteries or Coin Cell Batteries, UL 4200A.</u>
		<u>Exception: UL 4200A is not applicable to products and product accessories that by virtue of their dedicated purpose and instructions are not intended to be used in locations where they may be accessed by children.</u>
	Info	LED PORTABLE LUMINAIRES WITH SMALLER THAN 18 AWG POWER SUPPLY CORD – SUPPLEMENTARY
		<i>New section added;</i>
		General
69A		The requirements specified in Sections 69A – 69C apply to LED portable luminaires employing 20 or 22 AWG power supply cord, where the following Portable Luminaire types are excluded: See standard for details.



CLAUSE	VERDICT	COMMENT
		<i>New section added;</i>
		Construction – Electrical
69B		The ampacity rating of flexible cords with copper conductors shall be as specified in: See standard for details.
		<i>New section added;</i>
		Power Supply Cord Short Circuit Test
69C		The LED portable luminaire shall be tested in accordance with: See standard for details.
199	Info	Non-Integral Power Supply
		Per 8.2.1(b), a portable luminaire intended for connection to a separately shipped non-integral power supply shall be marked in Form B-5, “For use with _____ power supply.” The blank is filled with either:
199.1		a) The power supply manufacturer and model number, or b) “Class 2, ____ V, max ____ W”. LPS may be marked instead of Class 2. Amps (A or mA) may be marked instead of Watts (W). c) Deleted
Supplement SA	Info	FOR BATTERY-OPERATED PORTABLE LUMINAIRES
SA5	Info	Performance
SA5.6	Info	Photobiological safety assessment
SA5.6.1		A portable luminaire <u>that is intended for applications other than general illumination and has emissions outside of the visible light spectrum (400 – 780 nm)</u> , shall qualify as Risk Group 0 when evaluated per SA5.6.2.