



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

UL LLC

1075 WEST LAMBERT ROAD, UNIT B
BREA, CALIFORNIA 92821, U.S.A.

Testing Laboratory TL-539

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date December 12, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

UL LLC

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Accredited to ISO/IEC 17025:2017

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Electrical	
ANSI/APSP/ICC-14	American National Standard for Portable Electric Spa Energy Efficiency
IEC 60529	Degrees of protection provided by enclosures (IP Code)
IEC 62471 (2002)	Photobiological safety of lamps and lamp systems
IEC TR 62778 ED. 2.0 EN:2014	Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
UL 153	Portable Electric Luminaires
UL 778	Motor-Operated Water Pumps
UL 879	Electric Sign Components
UL 879A	LED Sign and Sign Retrofit Kits
UL 935	Fluorescent-Lamp Ballasts
UL 1081	Swimming Pool Pumps, Filters, and Chlorinators
UL 1563	Electric Spas, Equipment Assemblies, and Associated Equipment
UL 1574	Track Lighting Systems
UL 1598	Luminaires
UL 1598B	Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires
UL 1598C	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
UL 1838	Low Voltage Landscape Lighting Systems
UL 1993	Self-Ballasted Lamps and Lamp Adapters
UL 2108	Low Voltage Lighting Systems
UL 8750	Light Emitting Diode (LED) Equipment for Use in Lighting Products
UL 8800	Standard for Horticultural Lighting Equipment and Systems
Performance	
10 CFR 430 Appendix BB to Subpart B	Uniform Test Method for Measuring the Input Power, Lumen Output, Lamp Efficacy, Correlated Color Temperature (CCT), Color Rendering Index (CRI), Power Factor, Time to Failure, and Standby Mode Power of Integrated LightEmitting Diode (LED) Lamps

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ANSI C78.377-2015, 2017	Electric lamps – specifications for the chromaticity of solid state lighting (SSL) products
ANSI C82.18:2022	Light-Emitting Diode Drivers—Performance Characteristics
ANSI C82.77-2014, 2021	Harmonic emission limits – related power quality requirements for lighting
ANSI/IEEE C62.41.1-2002	IEEE Guide on the surge environment in low-voltage (1000 V and Less) AC power circuits
ANSI/IEEE C62.41.2-2002	IEEE Guide on the surge environment in low-voltage (1000 V and Less) AC power circuits
ANSI/IES LM-20:2020	Photometry of Reflector Type Lamps
ANSI/IES LM-58:2020	ANSI/IES LM-58:2020 Spectroradiometric Measurement Methods for Light Sources
ANSI/IES LM-79:2008, 2019	Approved Method: Optical and Electrical Measurements of Solid-State Lighting products
ANSI/IES LM-84:2020	Measuring Optical Radiation Maintenance of LED Lamps, Light Engines, and Luminaires
ANSI/IES LM-98-24	Approved Method: Measuring In-Situ Temperature of Solid-State Lighting Components in Lamps and Luminaires
ANSI/IES TM-21:2021	Projecting Long-Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources
ANSI/IES TM-28:2020	Projecting Long-Term Luminous Flux Maintenance of LED Lamps and Luminaires
ANSI/PLATO FL 1 2019	Flashlight Basic Performance Standard
CIE 13.3-1995	Method of measuring and specifying color rendering of light sources
CIE 15-2004	Colorimetry standard
CIE 84-1989	Measurement of luminous flux
Energy Star	Start time test method
IEC 62301 Ed. 2.0 - 2011	Household electrical appliances – measurement of standby power
NEMA 77:2017	Temporal Light Artifacts: Test Methods and Guidance for Acceptance Criteria

ANSI: American National Standards Institute
CIE: International Commission on Illumination
IEEE: Institute of Electrical and Electronics Engineers
IES: Illuminating Engineering Society
ISO: International Organization for Standardization
NEMA: National Electrical Manufacturers Association
UL: Underwriters Laboratories

