



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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ENERGY EFFICIENT LIGHTING PRODUCTS

NVLAP LAB CODE 500084-0

NVLAP Code Designation / Description

Lamps

Color Measurements

22/C02a

IES LM-58:2013

Spectroradiometric Measurements

22/C03

CIE Pub. 13.3:1995

Method of Measuring and Specifying Color Rendering of Light Sources

22/C05

CIE Pub. 15:2004

Colorimetry

22/C06

ANSI C78,376:2001

Electric lamps - specification for the chromaticity of fluorescent lamps

Electrical Measurements

22/E11a

IES LM-9:2009

Fluorescent Lamps - Electrical Measurements

22/E18

ANSI C78.375:1997

Fluorescent Lamps - Electrical Measurements

22/E26

ANSI C82.2:2002

Ballast for Fluorescent Lamps - Methods of Measurement

2015-01-01 through 2015-12-31

Effective dates

For the National Institute of Standards and Technology

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NVLAP-01S (REV. 2005-05-19)





ENERGY EFFICIENT LIGHTING PRODUCTS

NVLAP LAB CODE 500084-0

NVLAP Code

Designation / Description

Life Tests

22/L10a

IES LM-65:2010

Single-Ended Compact Fluorescent Lamps - LifeTest Performance

Photometric Measurements

22/P07c

IES LM-9:2009

Fluorescent Lamps - Total Flux Measurements

22/P07d

IES LM-9:2009

Fluorescent Lamps - Intensity Measurements

Luminaires

Luminaires

22/F06

IES LM-10:1996

Photometric Testing of Outdoor Fluorescent Luminaires

22/F07

IES LM-31:1995

Photometric Testing of Roadway Luminaires

22/F08

IES LM-35:2002

Photometric Testing of Floodlights Using Incandescent Filament or Discharge Lamps

22/F09

IES LM-41:1998

Photometric Testing of Indoor Fluorescent Luminaires

22/F10

IES LM-46:2004

Photometric Testing of Indoor Luminaires Using High Intensity Discharge or Incandescent

Filament Lamps

Solid State Lighting

SSL Color Measurements

22/S01

IES LM-58:1994

Spectroradiometric Measurements

2015-01-01 through 2015-12-31

Effective dates

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ENERGY EFFICIENT LIGHTING PRODUCTS

NVLAP LAB CODE 500084-0

NVLAP Code Designation / Description

22/S02 CIE Pub. 13.3:1995

Method of Measuring and Specifying Color Rendering of Light Sources

22/S03 IES LM-79:2008 (Sec. 12)

Solid State Lighting Luminaires - Color Characteristic Measurements

22/S04 IES LM-16:1993

Practical Guide to Colorimetry of Light Sources

22/S05 CIE Pub. 15:2004

Colorimetry

22/S23 ANSI C78,377:2011

Specifications for the Chromaticity of Solid State Lighting Products

SSL Electrical Measurements

22/S06 ANSI C82.2:2002

Ballast for Fluorescent Lamps - Methods of Measurement

22/S07 ANSI C82,77:2002

Harmonic Emission Limits - Related Power Quality Requirements for Lighting Equipment

22/S24 ANSI C62,41,2:2002

IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000V and Less)

AC Power Circuits

SSL Life Tests

22/S18 EPA Lamps v. 1.0

Ambient Temperature Life Testing

22/S19 EPA Lamps v. 1.0

Elevated Temperature Life Testing

SSL Photometric Measurements

22/S09 IES LM-79:2008 (Sec. 9)

Solid State Lighting Luminaires - Total Flux Measurements (Luminous Efficacy)

2015-01-01 through 2015-12-31

Effective dates

For the National Institute of Standards and Technology

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ENERGY EFFICIENT LIGHTING PRODUCTS

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NVLAP Code

Designation / Description

22/S10

IES LM-79:2008 (Sec. 10)

Solid State Lighting Luminaires - Luminous Intensity Measurements

22/\$13

IES LM-82-12

Characterization of LED Light Engines and LED Lamps for Electrical and Photometric

Properties as a Function of Temperature

22/S21

EPA Lamps v. 1.0

Start Time

SSL Temperature Measurement

22/S15

ANSI/UL 153:2002 (Secs. 124-128A)

Standard for Portable Electric Luminaires

22/S16

ANSI/UL 1574:2004 (Sec. 54)

Standard for Track Lighting Systems

22/S17

ANSI/UL 1598:2008 (Secs. 19.7, 19.10-16)

Luminaires

2015-01-01 through 2015-12-31

Effective dates

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