

	<b>DEPARTMENT OF COMMERCE</b> National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	<b>ISSUE DATE:</b> July 29, 2014
	<b>LAB BULLETIN</b>	<b>NUMBER:</b> LB-83-2014
		<b>LAP:</b> Energy Efficient Lighting Products
<b>SUBJECT:</b> Addition of LM-84:2014 and CEI IEC 62471:2006 to Scopes of Accreditation		

The purpose of this bulletin is to publish requirements for the addition of LM-84:2014 and CEI IEC 62471:2006 to existing scopes of accreditation.

### Submission Requirements

A laboratory seeking to add testing to its scope of accreditation must submit a completed Test Method Selection List, indicating the test methods to be added, to the Energy Efficient Lighting Products (EEL) program manager.

<http://www.nist.gov/nvlap/upload/EEL-Application.pdf>

Along with the list, the laboratory must submit supporting information as indicated below:

- IES LM-84:2014, *Approved Method for Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires (22/S25)*: A laboratory with 22/S09 or 22/S10 or 22/S03, LM-79:2008, and 22/S18 or 22/S19, EPA Lamps v. 1.0, may have LM-84:2014 added to its scope by submitting a copy of the cover of the standard and a copy of its testing procedure. A laboratory without the above prerequisites must have an on-site assessment to have LM-84:2014 added to its scope of accreditation.
- CEI IEC 62471:2006, *Photobiological Safety of Lamps and Lamp Systems (22/P19, 22/P20, 22/S26, 22/S27)*: This test method cannot be added to a scope without an on-site assessment. It can be added during a scheduled on-site assessment, or a special on-site assessment can be set up for an additional cost.

22/P19 and 22/S26 denote accreditation to test under section 5.2.1, irradiance measurements, and all supporting sections of the standard. 22/P20 and 22/S27 denote accreditation to test under section 5.2.2, radiance, and all supporting sections of the standard. All include accreditation to sections 5.2.3, measurement of source size, and 5.2.4, pulse width measurement for pulsed sources.

Section 5.3.3 requires laboratories calculate and report measurement uncertainty for all results. All laboratories will be assessed to this requirement.

CEI IEC 62471:2006 includes section 6 on lamp classification. NVLAP does not accredit certification bodies, i.e., ISO/IEC 17065:2012. It is improper for a laboratory accredited to perform testing as described in section 5 of the standard to classify lamps as described in section 6 as part of its accreditation. A laboratory may include this information on lamps in its test report but must indicate the classification does not fall within its NVLAP scope of accreditation as required in NIST Handbook 150, Annex A.1 h).

If you have any questions, please contact the EEL program manager at [timothy.rasinski@nist.gov](mailto:timothy.rasinski@nist.gov) or 301-975-6697.