

Name: National Lighting Test Centre(Beijing)/Global Efficient Lighting Centre

Address: No.A3, Changpo, Dabeyao, Chaoyang District, Beijing, China

Registration No. CNAS L0978

Accreditation Criteria: ISO/IEC 17025, requirements of EPA ENERGY STAR® Program and relevant requirements of
CNAS

SCHEDULE OF ACCREDITATION CERTIFICATE

Date of Issue: 2017-03-23

Date of Expiry: 2018-11-15

SCHEDULE 6 ACCREDITED ENERGY STAR TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
1	Lighting Products	1	CCT-Correlated Colortemperature	Colorimetry CIE Pub. No. 15:2004 6、7、9.5	
		2	CRI-Color Rendering Index	Method of Measuring and Specifying Color Rendering of Light Sources CIE Pub. No. 13.3-1995 5、6	
		3	Color Angular Uniformity	Guide to Spectroradiometric Measurements IES LM-58-13 7	
		4	Start Time	ENERGY STAR Start Time Test Method ENERGY STAR Start Time Test Method 5、6、7	
		5	Run-Up Time	ENERGY STAR Run Up Time Test Method ENERGY STAR Run Up Time Test Method 5、6、7	
		6	Power Factor	Harmonic Emission Limits—Related Power Quality Requirements for lighting equipment ANSI C82.77-10:2014 6、7	
		7	Standby Power	Household electrical appliances - Measurement of standby power IEC 62301:2011 5	



No. CNAS L0978

第 1 页 共 4 页

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№	Test Object	Item/Parameter		Standard or Method	Note
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2	Solid-State Lighting Product (LED)	1	Efficacy	Electrical and Photometric Measurements of Solid-State Lighting Products IES LM-79-08 11	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 5、6	
		2	Light Output	Electrical and Photometric Measurements of Solid-State Lighting Products IES LM-79-08 9.1、9.3、10	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 6	
		3	Lumen Maintenance	Electrical and Photometric Measurements of Solid-State Lighting Products IES LM-79-08 9.1、9.3	
				Measuring Lumen Maintenance of LED Light Sources IES LM-80-08 6.2	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 6	
				Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires IES LM-84-14 7	
		4	CCT-Correlated Colortemperature	Electrical and Photometric Measurements of Solid-State Lighting Products IES LM-79-08 12	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 6	
		5	CRI-Color Rendering Index	Electrical and Photometric Measurements of Solid-State Lighting Products IES LM-79-08 12	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 6	



No. CNAS L0978

第 2 页 共 4 页

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		6	Color Maintenance	Electrical and Photometric Measurements of Solid-State Lighting Products IES LM-79-08 12	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 6	
				Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires IES LM-84-14 6	
		7	Life	Measuring Lumen Maintenance of LED Light Sources IES LM-80-08 5、6、7	
				Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature IES LM-82-12 6	
		8	Standby Power	Household electrical appliances - Measurement of standby power IEC 62301:2011 4、5	
3	Fluorescent Lamps	1	Efficacy	Electric and Photometric Measurements of Fluorescent Lamps IES LM-9-09 5、6、7	
				Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps IES LM-66-14 8、9、10	
		2	Light Output	Electric and Photometric Measurements of Fluorescent Lamps IES LM-9-09 7	
				Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps IES LM-66-14 10	
		3	Lumen Maintenance	Electric and Photometric Measurements of Fluorescent Lamps IES LM-9-09 7	
				Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps IES LM-66-14 10	
		4	CCT-Correlated Colortemperature	Electric and Photometric Measurements of Fluorescent Lamps IES LM-9-09 7.6	
				Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps IES LM-66-14 11	



No. CNAS L0978

第 3 页 共 4 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		5	CRI-Color Rendering Index	Electric and Photometric Measurements of Fluorescent Lamps IES LM-9-09 7.6	
				Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps IES LM-66-14 11	
		6	Life	Life Testing of Fluorescent Lamps IES LM-40-10 6	
				Life Testing of Compact Fluorescent Lamps IES LM-65-14 4、5、6	
4	Fluorescent Luminaires	1	Efficacy	Photometric Testing of Indoor Fluorescent Luminaires IES LM-41-14 7	
				Photometric Testing of Outdoor Fluorescent Luminaires IES LM-10-14 4、5、6	
		2	Light Output	Photometric Testing of Indoor Fluorescent Luminaires IES LM-41-14 7	
				Photometric Testing of Outdoor Fluorescent Luminaires IES LM-10-14 6	
		3	Zonal Lumen Distribution	Photometric Testing of Indoor Fluorescent Luminaires IES LM-41-14 7	
				Photometric Testing of Outdoor Fluorescent Luminaires IES LM-10-14 6	
5	Fluorescent Ballasts	1	Operating Frequency	Household electrical appliances - Measurement of standby power IEC 62301:2011 4、5	
				Method of Measurement of Fluorescent Lamp Ballasts ANSI C82.2-2002 7	



No. CNAS L0978

第 4 页 共 4 页

The scope of the accreditation in Chinese remains the definitive version.