

中国计量科学研究院

National Institute of Metrology, China



中国认可
国际互认
校准
CALIBRATION
CNAS L0502

校准证书

Calibration Certificate

证书编号 GXgd2025-01711
Certificate No.

客户名称
Client

SAUDI LIGHTING CO LTD

器具名称
Instrument

卤素灯/Tungsten Halogen lamp

型号/规格
Type/Model

SLS-150W

出厂编号
Serial No.

L513536A

生产厂商
Manufacturer

LISUN GROUP

联络信息
Contact Information

2nd Industrial City, P.O. Box 25609, New_Al Kharj Road,
Riyadh 11476, Kingdom of Saudi Arabia

校准日期
Date of Calibration

2025 年 05 月 09 日

接收日期
Date of Receiving

2025 年 04 月 25 日

批准人:

刘慧

Approved by



发布日期: 2025 年 05 月 14 日
Date of Issue

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中国计量科学研究院（NIM）是国家最高的计量科学研究中心和国家级法定计量技术机构。1999 年授权签署了国际计量委员会（CIPM）《国家计量基(标)准和国家计量院签发的校准与测量证书互认协议》（CIPM MRA）。The National Institute of Metrology (NIM) is China's national metrology institute (NMI) and a state-level legal metrology institute. NIM is China's signatory to the Mutual Recognition of National Measurement Standards and of Calibration and Measurement Certificates Issued by National Metrology Institutes (CIPM MRA) which is arranged by the International Committee of Weights and Measures (CIPM).

质量管理体系符合 ISO/IEC17025 标准，通过中国合格评定国家认可委员会（CNAS）和亚太计量规划组织（APMP）联合评审的校准和测量能力（CMCs）在国际计量局（BIPM）关键比对数据库中公布。NIM's quality management system meets requirements of the ISO/IEC 17025. Its Calibration and Measurement Capabilities (CMCs) that are peer reviewed both by China National Accreditation Service for Conformity Assessment (CNAS) and the Asia Pacific Metrology Programme (APMP) are published in the International Bureau of Weights and Measures (BIPM) Key Comparison Database (KCDB).

2020 年，NIM 和 CNAS 就认可领域的技术评价活动签署了谅解备忘录，承认 NIM 的计量支撑作用和出具的校准/检测结果的溯源效力。NIM and CNAS signed a Memorandum of Understanding (MOU) for Recognition of Technical Assessment in Laboratory Accreditation Field in 2020, in which CNAS recognizing the technical supporting role of NIM in laboratory accreditation and the traceability of NIM's calibration / test results.

校准结果不确定度的评估和表述均符合 JJF1059 系列标准的要求。The evaluation and expression of uncertainty of the calibration results are in line with the requirements of JJF1059 series standards.

校准所依据/参照的技术文件（代号、名称）Reference documents (Code,Name)

参照 JJG 246-2005 发光强度标准灯

Refer to JJG 246-2005 Verification regulation of standard lamps for luminous intensity

校准环境条件及地点 Calibration place and environment

温度 Temperature: (23.0±0.5) °C 地点 Location: 和-13-213

湿度 Humidity: (25±1) % RH 其它 Others : /

校准使用的计量基（标）准装置(含标准物质)/主要仪器

Reference Standards (Including the Reference Material) / Instruments used

名称 Name	测 量 范 围 Measurement Range	不确定度/ 准 确 度 等 级 Uncertainty/Accuracy	证 书 编 号 Certificate No.	证书有效期至 Due Date (YYYY-MM-DD)
发光强度工作基 准装置 Working Standard Facility of Luminous Intensity	(1~1400) cd	$U_{rel}=0.35\%$ ($k=2$)	[1988] 国 量标计证字 第 075 号	2026-02-08

证书编号 GXgd2025-01711
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校准结果 Calibration Results

灯号 Lamp No.	外观检查 Visual Inspection	电流 Current/A	参考电压 Reference Voltage/V	光强 Luminous Intensity/cd
L513536A	合格 Qualified	6.1000	21.30	420.2

说明/ Specification:

- 此仪器分布温度标称值为 3193 K;
The nominal distribution temperature of this instrument is 3193 K;
- 校准结果的不确定度: $U_{\text{rel}}=1.2\%$ ($k=2$);
The uncertainty of calibration results: $U_{\text{rel}}=1.2\%$ ($k=2$);
- 灯的对准方法如下图所示;
The alignment method of the lamp is shown in the figure below;

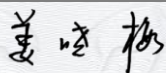


- 下次送校请带此证书复印件。
Please take a copy of the certificate at next calibration.

声明 Statement:

- 我院仅对加盖“中国计量科学研究院校准专用章”的完整证书负责。
NIM is ONLY responsible for the complete certificate with the calibration stamp of NIM.
- 本证书的校准结果仅对所校准的计量器具有效。
The certificate is ONLY valid for the calibrated instrument.
- 本证书用中英文两种语言表达, 准确含义以中文为准。
The certificate is reported in both English and Chinese, with the Chinese version as standard.

校准员:



Calibrated by

核验员:



Checked by