

校准证书
CALIBRATION CERTIFICATE

证书编号:

Certificate No.



J202603136683-02-0002-G2

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of

委托方

Client

SGS DO BRASIL LTDA

联络信息

Contact Inf.

Av. Piracema,1341,06460-030, Barueri/SP, Brasil

仪器名称

Description

Standard Light Source

型号/规格

Model/Type

SLS-100W

制造厂

Manufacturer

LISUN GROUP

出厂编号

Serial No.

CAL03B0097

管理号

Asset No.

接收日期

Receipt Date

2026年05月14日

校准日期

Cal. Date

2026年05月20日

Y M D

发布日期

Issued Date

2026年07月16日

Y M D

批准

Approved by

庄奕

庄奕

审核

Inspected by

陈颖

陈颖

校准

Calibrated by

吴德权

吴德权

证书专用章

(Stamp)

总部地址(Headquarters Add.): 广东省广州市番禺区石碁镇创运路8号

No.8, Chuangyun Road, Shiqi Town, Panyu District, Guangzhou, Guangdong, China

实验室地址(Add.of the Lab): 广东省广州市番禺区石碁镇创运路8号

No.8, Chuangyun Road, Shiqi Town, Panyu District, Guangzhou, Guangdong, China

联系电话(Tel.):400-602-0999

邮政编码(Postcode):511450

网站(Website):http:// www.grgtest.com

电子邮件(E-mail):grgtest@grgtest.com



扫一扫验真伪

校验码: 603060

校准说明 DIRECTIONS OF CALIBRATION

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- 1.本实验室的质量管理体系符合ISO/IEC 17025:2017标准的要求,校准结果均可溯源至国际单位制(SI)单位。
(The quality system is in accordance with ISO/IEC 17025:2017,the calibration results are traceable to the International System of Units (SI).)
 - 2.本结果仅对本次校准样品有效。未经实验室批准,不得部分复制。如有疑问请在15个工作日内反馈。
(The result is only valid for the calibrated sample.The certificate shall not be reproduced except in full,without the written approval of our laboratory .please feedback to us within 15 days if you have any question.)
 - 3.本证书编号具有唯一性,后缀若带有“-Gx”的证书为替换证书,自发出后原证书即刻作废,修改后的证书以客户端内容为准。(Each certificate has a unique number. The suffix of "-Gx" will be added to the number as a replacement of the old version. The original certificate will be officially invalid once the new certificate number is issued.The modified certificate shall be based on the client content.)
 - 4.证书中最大允许误差、判定结果仅供参考,其中“P”代表“合格”,“F”代表“不合格”,“N/A”代表“不适用”。使用人员应结合实际测量需求,评估测量不确定度对符合性评定的影响。(MPE & judgement result in the datasheet is only for reference , "P" is "Pass" , "F" is "Fail" and "N/A" is "Not Applicable".Whereas users should evaluate the effects of MU of calibration results on conformance assessment by actual measurement.)
 - 5.该仪器的溯源日期为本证书的“校准日期”。(The traceability date of this instrument is the calibration date on this certificate.)
 - 6.校准地点、环境条件(Place and environmental conditions of the calibration):
地点: 广州计量光色电计量室
Place Guangzhou Meterology Photometry&Colorimetry Room
温度: 22.4℃ 相对湿度: 57%
Temperature Relative Humidity
 - 7.建议复校时间间隔: 1年,送校单位也可按实际使用情况自主决定。
Suggested calibration interval is 1 year or it can be altered depending on the actual usage of the user.
 - 8.本次校准的技术依据及CNAS认可范围,超出范围的内容未被认可。详细认可范围请查看CNAS网站证书附件。(Reference document and accredited scope by CNAS for calibration, beyond which isn't accredited. Please see the attachment of certificate on CNAS website for details.)
- JJG 247-2008 总光通量标准白炽灯检定规程(V.R. of Standard Incandescent Lamp for Total Luminous Flux):
(光通量灯) 总光通量: (10~20000)lm 色温: (2000~3200)K 色品坐标: x、y全色域

校准说明
DIRECTIONS OF CALIBRATION

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9. 本次校准使用的主要测量标准(Main Standards of Measurement Used in the Calibration.):

名称 Description	编号 Serial No.	证书号/有效期 Certificate No./ Due Date	溯源机构 Traceability Institute	技术特征 Technique Character
通用标准光源 Standard lamp	M133806CD1411 188	GXgd2025-03940 (6) 2026-10-26	中国计量科学研 究院/NIM	总光通量 $U_{rel}=1.5\%(k=2)$,平 均颜色温度 $U=14K(k=2)$,色品 坐标 $(x,y)U=0.0015(k=2)$
标准灯 Standard lamp	M100283CM1371 245	GXgd2025-03940 (4) 2026-10-26	中国计量科学研 究院/NIM	二级
通用标准光源 Standard lamp	M133806CD1411 136	GXgd2025-03940 (5) 2026-10-26	中国计量科学研 究院/NIM	二级

校准结果 RESULTS OF CALIBRATION

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1 外观以及一般性检查: 正常

In view of External & Generality check : Pass

2 光通量测试:

Luminous Flux Test:

参考工作电压: 23.00 V 额定工作电流: 3.9959 A

Reference Voltage: Rated Current:

总光通量: 1385.38 lm 色温: 2856 K

Luminous Flux: Color Temperature:

色坐标: x: 0.4478

Chromaticity Coordinate: y: 0.4080

3 相对光谱功率分布:

Relative Spectral Power:

波长范围: 380nm ~ 780nm 波长间隔 5nm

Wavelength Range: Wavelength Division:

波长	相对光谱功率	波长	相对光谱功率	波长	相对光谱功率	波长	相对光谱功率
Wavelength	Relative Spectral Power	Wavelength	Relative Spectral Power	Wavelength	Relative Spectral Power	Wavelength	Relative Spectral Power
380	0.0382	385	0.0425	390	0.0471	395	0.0527
400	0.0586	405	0.0650	410	0.0714	415	0.0785
420	0.0856	425	0.0930	430	0.1011	435	0.1092
440	0.1181	445	0.1272	450	0.1368	455	0.1463
460	0.1568	465	0.1668	470	0.1779	475	0.1892
480	0.2003	485	0.2123	490	0.2243	495	0.2368
500	0.2492	505	0.2619	510	0.2751	515	0.2884
520	0.3020	525	0.3160	530	0.3300	535	0.3440
540	0.3580	545	0.3730	550	0.3872	555	0.4019
560	0.4166	565	0.4314	570	0.4464	575	0.4616
580	0.4766	585	0.4920	590	0.5068	595	0.5220
600	0.5373	605	0.5526	610	0.5674	615	0.5824
620	0.5977	625	0.6127	630	0.6273	635	0.6423
640	0.6571	645	0.6715	650	0.6861	655	0.7011
660	0.7146	665	0.7286	670	0.7423	675	0.7566
680	0.7703	685	0.7837	690	0.7966	695	0.8100
700	0.8225	705	0.8355	710	0.8475	715	0.8597
720	0.8714	725	0.8834	730	0.8951	735	0.9073
740	0.9180	745	0.9293	750	0.9401	755	0.9502
760	0.9603	765	0.9715	770	0.9800	775	0.9903
780	1.0000						

校准结果
RESULTS OF CALIBRATION

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备注:

Notes:

结论(Conclusion): 按校准结果使用

1.本次测量结果扩展不确定度(Expanded uncertainty of the measurement results)

1.1 光通量: $U_{rel} = 2.0\%$ ($k=2$)

1.2 色温: $U = 16K$ ($k=2$)

1.3 色品坐标: $U = 0.002$ ($k=2$)

2.依据(Reference document)

JJF 1059.1-2012 测量不确定度评定与表示

(JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

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