



Brochure

Portable CCD Spectroradiometer (LMS-6000 Series)

Global Office of Lisun Electronics Inc.

<http://www.Lisungroup.com>

Lisun Group (Hong Kong) Limited

Add: Room C, 15/F Hua Chiao Commercial Center, 678 Nathan Road, Mongkok, Kowloon, Hong Kong

Tel: 00852-68852050 Fax: 00852-30785638

Email: SalesHK@Lisungroup.com

Lisun Electronics (Shanghai) Co., Ltd

Add: 113-114, No. 1 Building, Nanxiang Zhidi Industry Park, No. 1101, Huyi Road, Jiading District, Shanghai, 201802, China

Tel: +86(21)5108 3341 Fax: +86(21)5108 3342

Email: SalesSH@Lisungroup.com

Lisun Electronics Inc. (USA)

Add: 445 S. Figueroa Street, Los Angeles, CA 90071, U.S.A.

Email: Sales@Lisungroup.com

Lisun China Factory

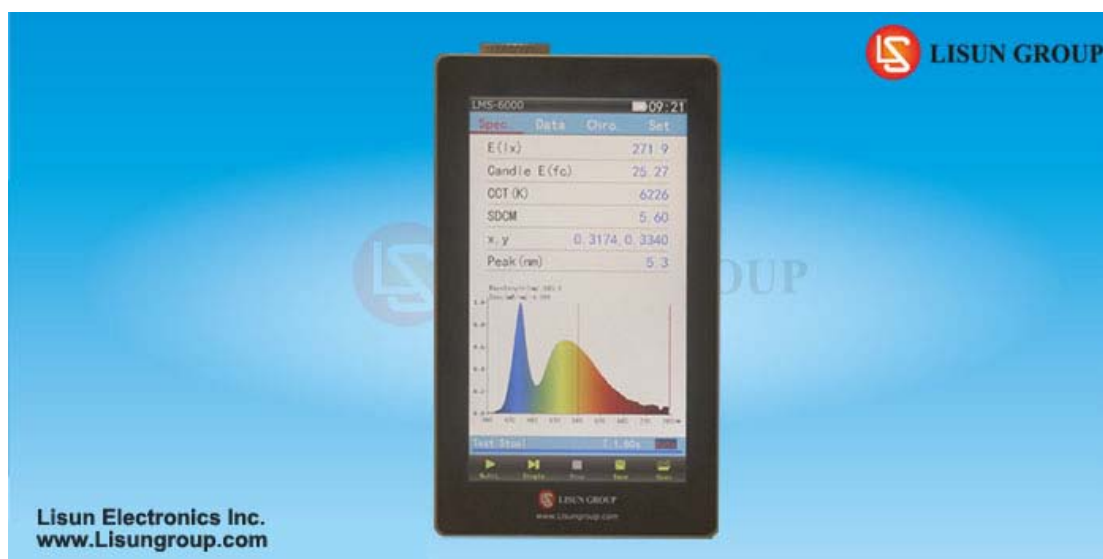
Add: NO. 37, Xiangyuan Road, Hangzhou City, Zhejiang Province, China

Tel: +86-189-1799-6096

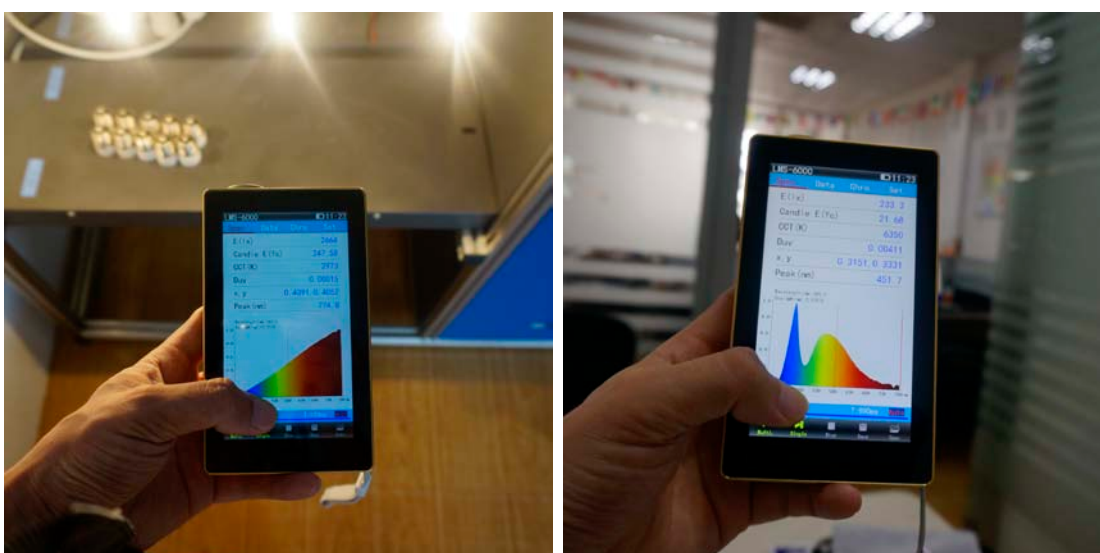
Email: Engineering@Lisungroup.com

[Lead in CFL & LED Test Instruments](#)

Rev. 1/17/2019



1. 应用



2. 介绍

手持式 CCD 光度计光谱仪有如下版本，可以测试不同参数：

- LMS-6000: 照度(lux), E(Fc) , Ee(W/m²) , Tc(K) , 黑体偏离 Duv , 相关色温(CCT) , 色品坐标, 显色指数 CRI, 色纯度, 峰值波长, 主波长, 半带宽, 质心波长, 中心波长, 总色差, 亮度差, 红绿度, 黄蓝度, 相关色温差, 色容差图, 光谱图
- LMS-6000P: LMS-6000 参数+PAR, PPFD, YPFD, 蓝紫辐照度 Eb, 黄绿辐照度 Ey, 红橙辐照度 Er, 红蓝辐射比 Erb_Ratio
- LMS-6000S: LMS-6000 参数+PAR, PPFD, YPFD, 蓝紫色辐照度 Eb, 黄绿辐照度 Ey, 红橙辐照度 Er, 红蓝辐射比 Erb_Ratio, 逼真度指数 Rf 和色域度指数 Rg 依据 TM-30
- LMS-6000F: LMS-6000 参数+闪烁测试

- LMS-6000B: LMS-6000 参数+蓝光危害加权辐照依据 GB/T20145, CIE S009/E:2002
- LMS-6000BF: LMS-6000 参数+闪烁测试, 蓝光危害加权辐照依据 GB/T20145, CIE S009/E:2002

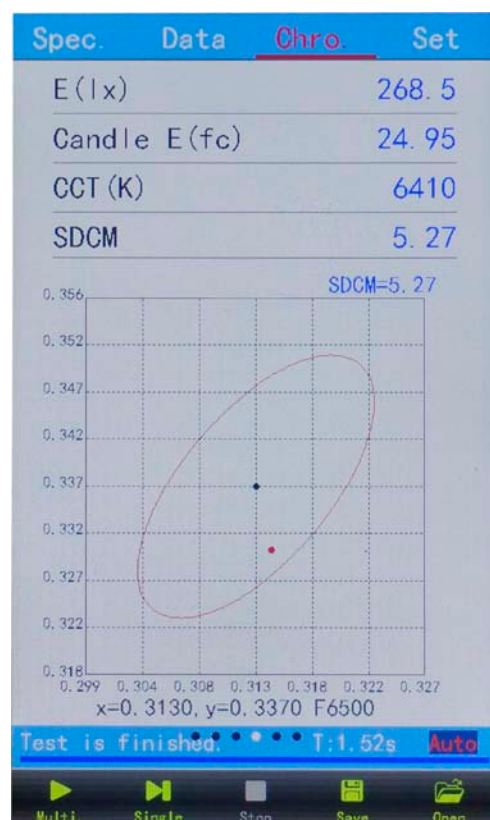
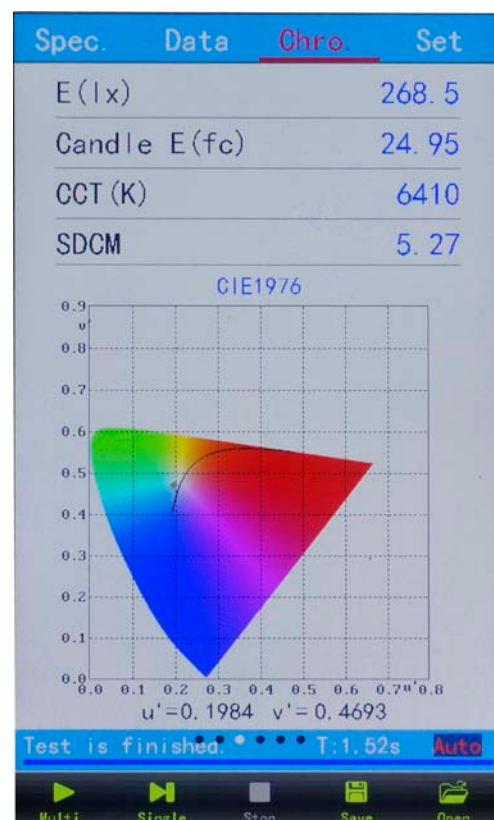
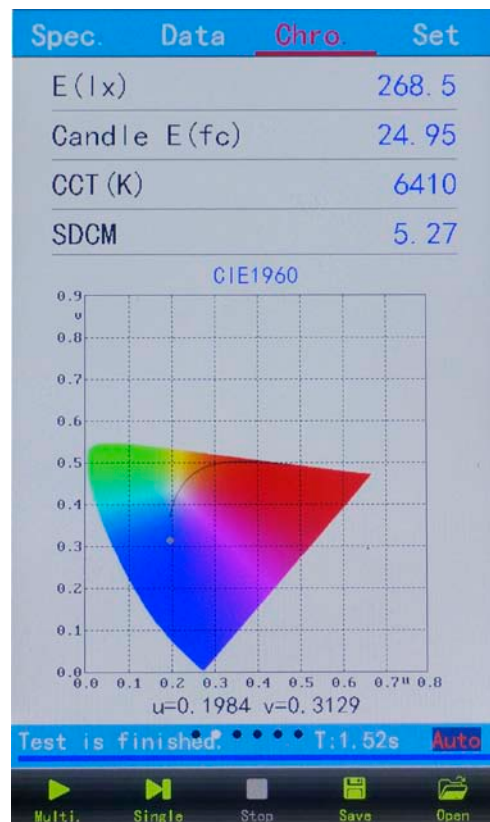
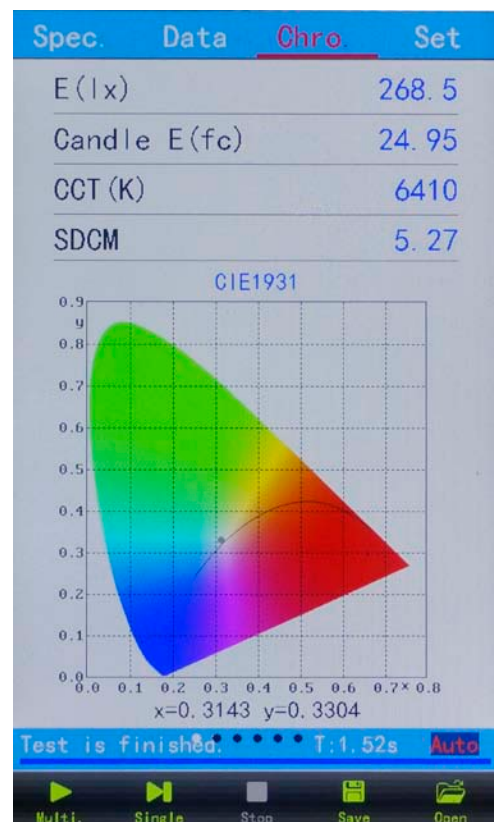
技术参数:

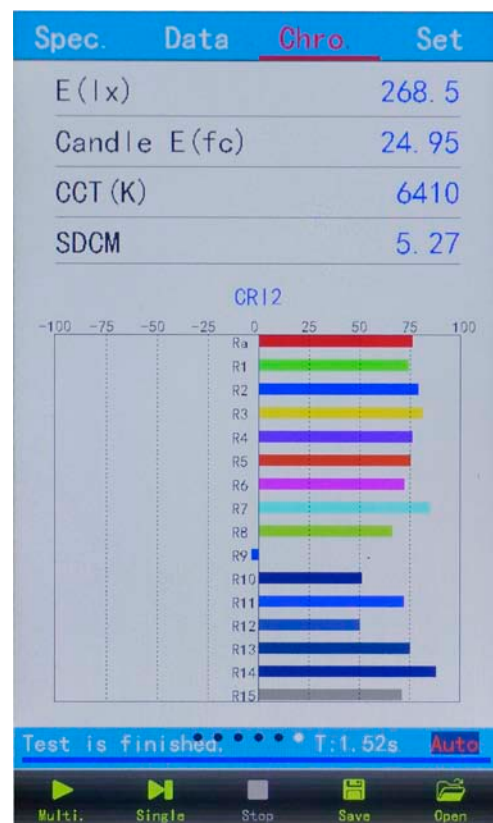
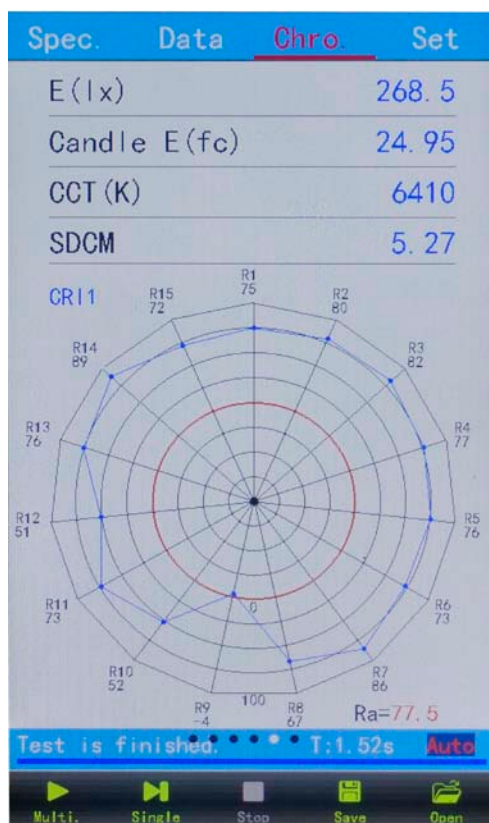
- 光谱范围: 380~780nm (LMS-6000P: 350~800nm; LMS-6000S: 350~950nm)
- 光谱分辨率: $\pm 0.2\text{nm}$, 再生性: $\pm 0.5\text{nm}$
- 色品坐标(Δx , Δy)精度: ± 0.005
- 相关色温 CCT: 1, 000K ~ 100, 000K
- 照度范围: 5~200,000lx
- LCD 显示屏: 5 寸高清 IPS 电容触摸屏, 分辨率最高可达 480*854.
- 4000 mAh 可重复充电锂电池, 最长能连续工作 20 小时
- 尺寸是一个 iPhone 6S, 厚度为 1RMB 硬币的直径
- 通过 USB 与 PC 连接, 英文版软件可以在 Win7, Win8 或 Win10



手提袋, 用于充电的 USB 线, SD 存储卡

3.操作界面





LMS-6000 Test Report

Product Mark

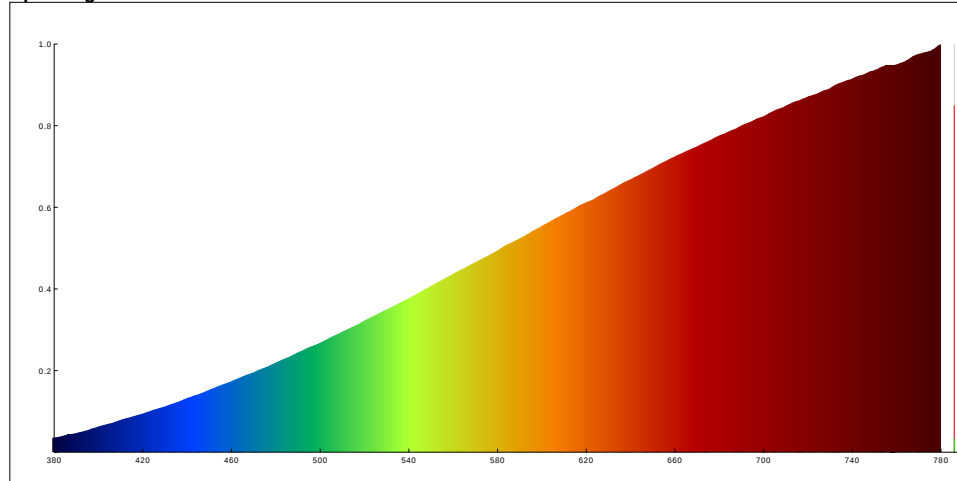
Model:
Temperature: 20℃
Tester: admin

Manufacture:
Humidity: 65%
Test Date: 2019-05-30

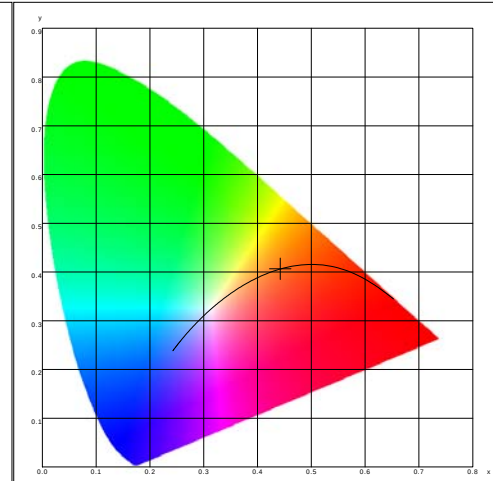
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	3845.03	Peak(nm)	780.0				
Candle E(fc)	357.21	Center(nm)	681.1				
CCT(K)	2929	Centroid(nm)	649.5				
Duv	0.00015	Color Ratio(RGB)	25.0,73.1,1.9				
x,y	0.4423,0.4062	CIE1931 X	6129.676				
u,v	0.2531,0.3487	CIE1931 Y	5629.626				
u',v'	0.2531,0.5230	CIE1931 Z	2098.773				
SDCM	1.43	TLCI-2012	100				
Ra	99.9	Integral Time(ms)	0				
Ee(mW/cm ²)	2.409	Peak Signal	55619				
S/P	1.446	Dark Signal	2145				
Dominant(nm)	583.10	Compensate level	2870				
Purity(%)	54.7						
HalfWidth(nm)	197.9						

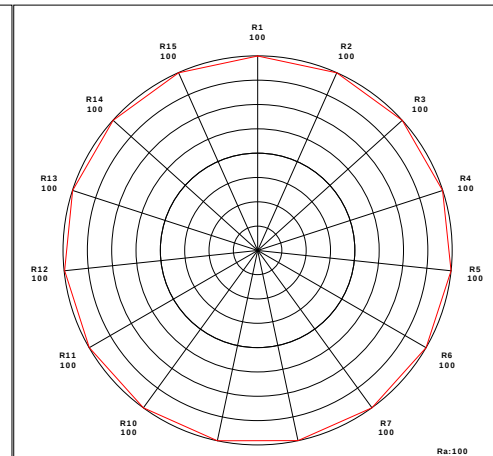
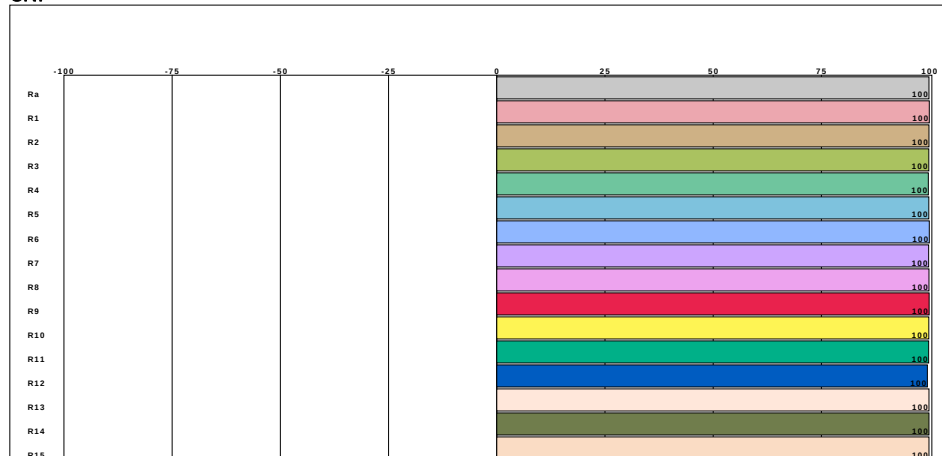
Spectrogram



CIE1931



CRI



Instrument Status

Type: LMS-6000
Integral Time: 0.032ms

SN: 0
VPeak: 55619

Scan Range: 380-780nm
VDark: 2145

Remark:

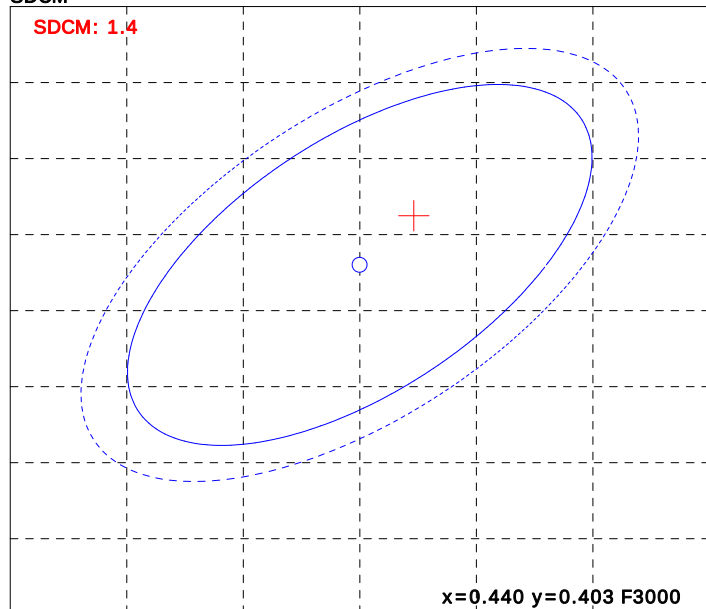
LMS-6000 Test Report

Product Mark

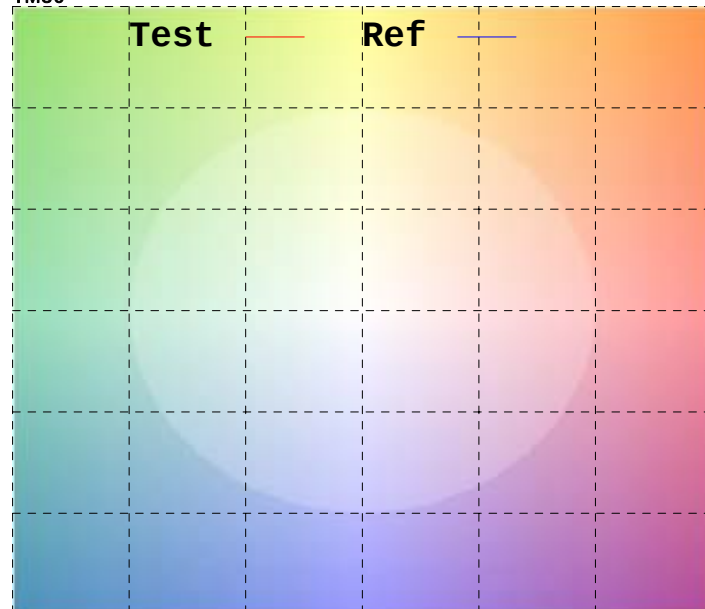
Model:
Temperature: 20℃
Tester: admin

Manufacture:
Humidity: 65%
Test Date: 2019-05-30

SDCM



TM30



Instrument Status

Type: LMS-6000
Integral Time: 0.032ms

SN: 0
VPeak: 55619

Scan Range: 380-780nm
VDark: 2145

Remark: