



Portable CCD Spectroradiometer (LMS-6000 Series) Brochure

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

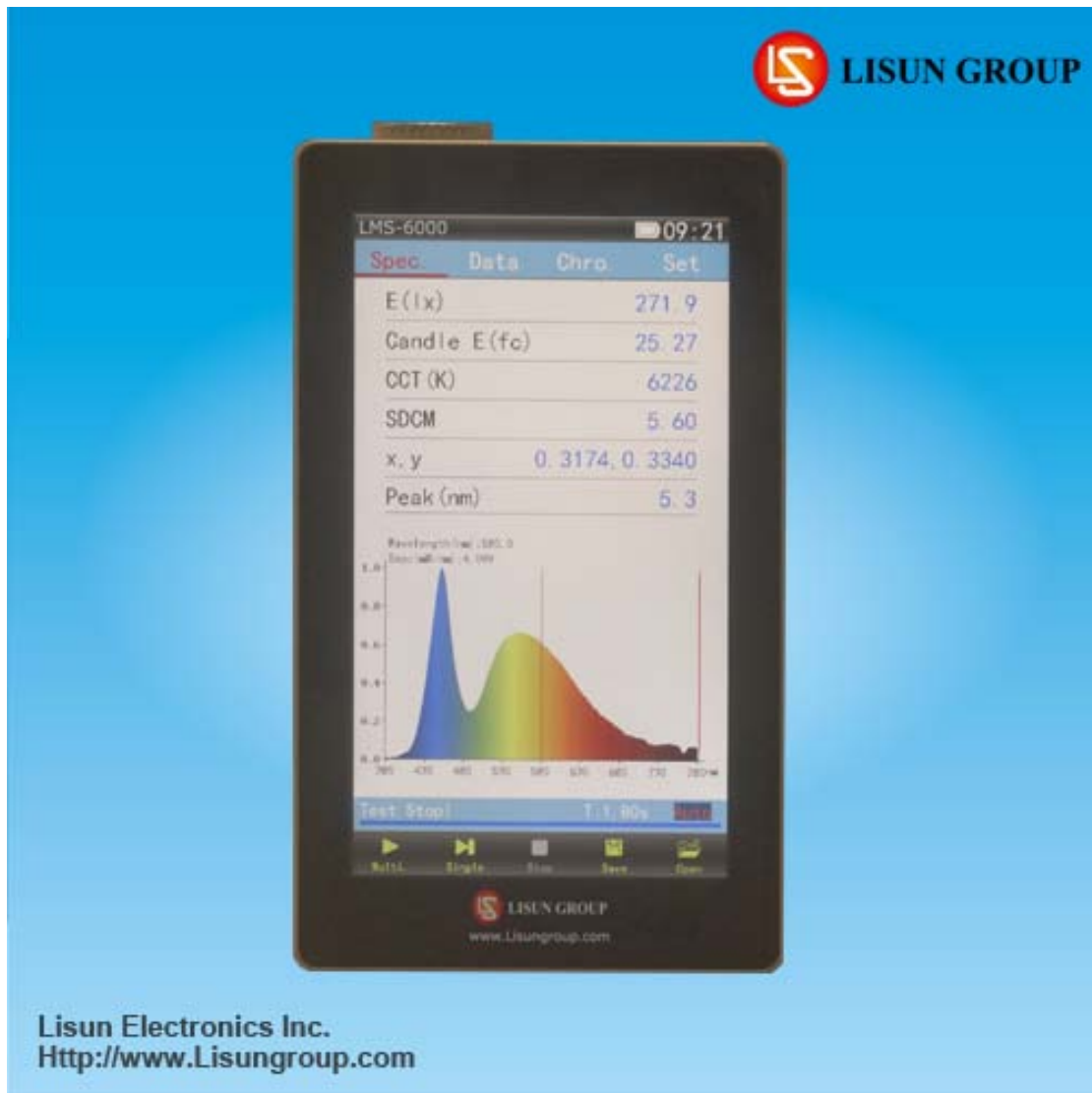
Add: NO. 37, Xiangyuan Road, Hangzhou City, Zhejiang Province, China

Tel: +86-189-1799-6096

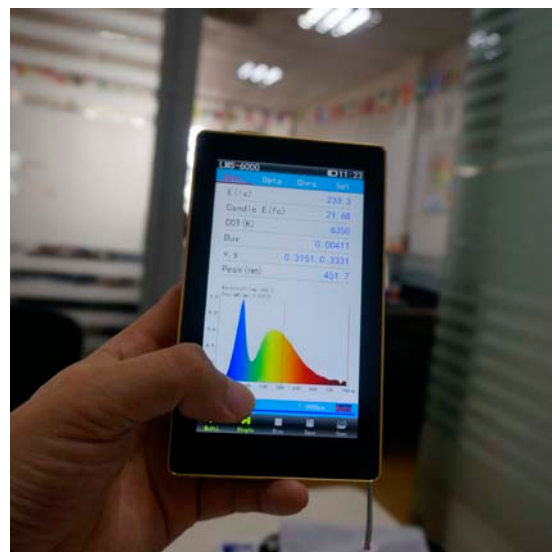
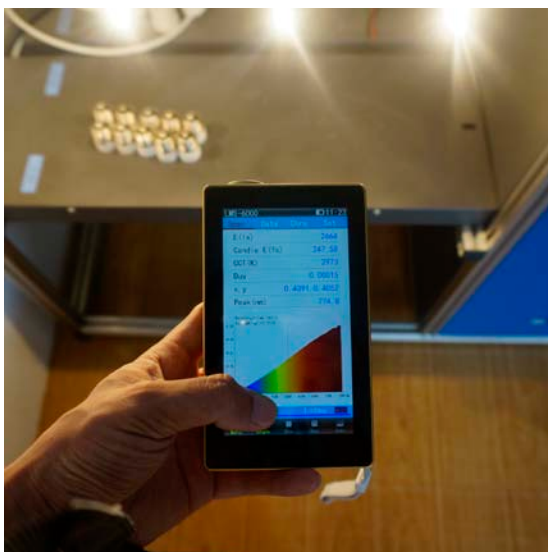
Email: Engineering@Lisungroup.com

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1. Application



2. Introduction

The Portable CCD Colorimeter Spectroradiometer has the following versions which can measure different parameters:

- LMS-6000: illuminance (lux), E(Fc), Ee(W/m²), Tc (K), Duv Correlated Color Temperature (CCT), Chromaticity Coordinates, CRI, Purity, Peak Wavelength, Dominant Wavelength, Half Bandwidth, Center Wavelength, Centroid Wavelength, Total Color Difference, Brightness Difference, Red-Green Degree, Yellow-Blue Degree, CCT Difference, SDCM Diagram, Spectrum Diagram
- LMS-6000P: LMS-6000 Parameters+PAR, PPF, YPF, Blue-purple irradiance E_b, Yellow-green irradiance E_y, Red-orange irradiance E_r, Ratio of red and blue radiation E_r_Ratio
- LMS-6000S: LMS-6000 Parameters+PAR, PPF, YPF, Blue-purple irradiance E_b, Yellow-green irradiance E_y, Red-orange irradiance E_r, Ratio of red and blue radiation E_r_Ratio, R_f and R_g according to TM-30
- LMS-6000F: LMS-6000 Parameters+Flicker test
- LMS-6000B: LMS-6000 Parameters+Blue Light Hazard Weighted Irradiance according to GB/T20145, CIE S009/E:2002
- LMS-6000BF: LMS-6000 Parameters+Flicker test, Blue Light Hazard Weighted Irradiance according to GB/T20145, CIE S009/E:2002

Specification:

- Spectrum Range: 380~780nm. (The LMS-6000P is 350~800nm and LMS-6000S is 350~950nm)
- Spectral Resolution: ±0.2nm, Reproducibility: ±0.5nm
- Accuracy of Chromaticity Coordinate (Δx , Δy): ±0.005
- Correlated Color Temperature CCT: 1, 000K ~ 100, 000K (±3%)
- Illuminance range: 5~200,000lx
- LCD screen: 5inch high definition IPS capacitive touch screen and resolution is up to 480*854
- With 4000mAh rechargeable Li-ion battery continuous working time 20 hours
- Size is one Iphone 6S and thickness is like diameter of 1RMB coin
- Connect to PC via USB, English version software can be run in Win7, Win8 or Win10



Hand bag, USB cable for charging, SD storage card

3.Operation Interface

