



UV Lamp Test System (LPCE-2(LMS-9000BUV))

Brochure

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Leader in Lighting & Electrical Test Instruments

Rev. 3/3/2020

The system is used to test the UV lamp (light source) Spectrum, Radiant, Efficiency, CRI, CCT, UVA, UVB, UVC Radiant and Electric Parameters. The system includes the following instruments:

1. LMS-9000BUV High Precision UV Spectroradiometer:

Measurement:

Chromaticity coordinates, Peak Wavelength, Relative Spectral Power Distribution, Radiant Power, ect.

Specifications:

- Spectral Range Wavelength: 200-400nm (UV)
- Spectral Wavelength Accuracy: $\pm 0.5\text{nm}$ (UV) ,
- Integration Time: 0.1mS – 60S
- Stray light: $<0.015\%$ (600nm), $<0.03\%$ (435nm)
- Accuracy of Chromaticity Coordinate ($\Delta x, \Delta y$): $\pm 0.0015, \pm 0.0005$ (under standard A lamp)
- Photometric linear: $\pm 0.3\%$

2. CFS-1.2M Silica Fiber

Mainly used for optical signal transmission between LMS-9000BUV spectroradiometer and dark case.

3. CASE-UV036 Dark Case for UV Test

Provide testing environment for UV light source. The inside size is 60*60*100cm

4. SLS-UV UV Standard Light Source with Calibrate Current (Optional):

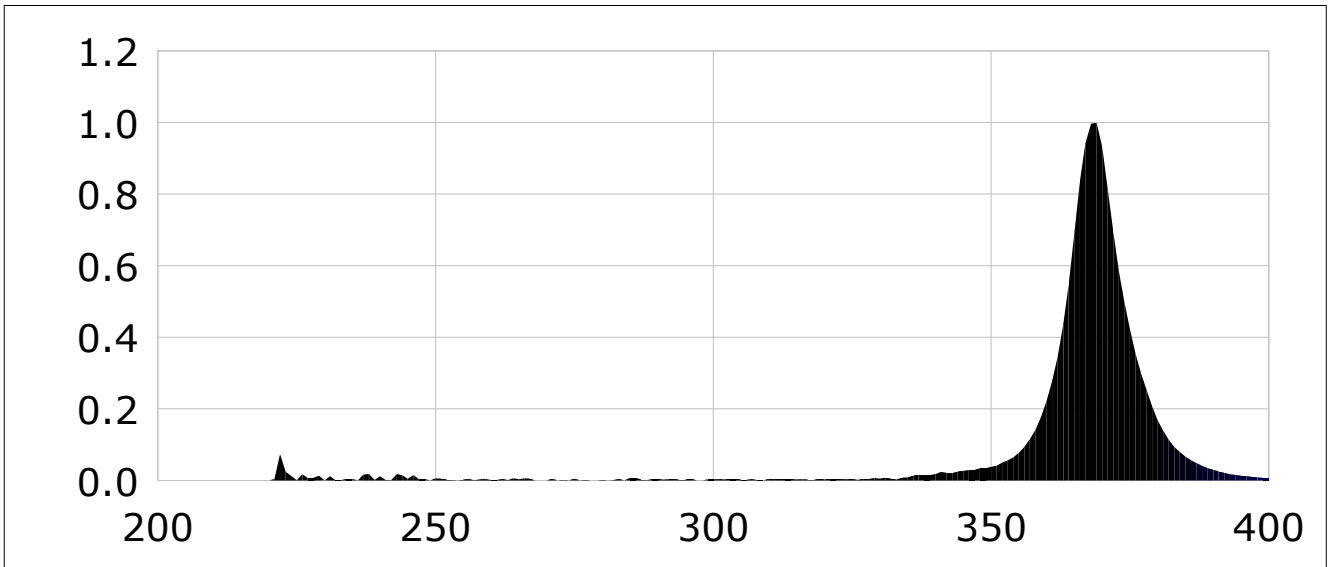
Do calibration for the test system. If don't choose this model, LISUN will built the calibration coefficient into the LMS-9000BUV.

Ultraviolet Lightsource Test Report

Product Information

Product Number: 59

Spectral Power Distribution Curve



Photometric Parameters

Radiant Irradiance: 5.343 mW/cm² Efficiency: 0 uW/cm²/W
Peak Wavelength: 368.5nm Half Bandwidth: 10.4nm
UVA: 5.139 mW/cm², UVB: 0.059 mW/cm², UVC: 0.146 mW/cm²

Electric Parameters

Voltage: 10.000V Current: 1.2000A Power: 12.00W
Power Factor: 1.0000 Frequency: 50.00Hz

Test Information

Scan Range: 200~400:1nm Stabilization Time: 0 ms
Max of Signal: 51367 (2434) CCD Integration Time: 1516.83 ms