



LFC Light - Flux - Color
Affordable + Accurate Lamp and Luminaire Testing
Meets U.S. and Global Test Standards



**The only low-cost lamp measurement system with
 NIST traceable calibration applied at each wavelength +
 Absorption correction applied at each wavelength +
 LM-79 photometric and electrical testing**

Measurements

Total Spectral Flux (Watts/nm)
 Luminous Flux (Lumens)
 Radiant Flux (Watts)
 Chromaticity (x, y, u, v)
 CCT
 CRI
 Peak Wavelength
 Dominant Wavelength
 Luminous Efficacy (Lumens/Watt)

Features of all LFC Systems

NIST-traceable, NVLAP accredited 35 Watt calibration lamp included
 System calibrated at each wavelength. Re-calibrate inhouse at low cost.
 Complies with LM-79 guidelines for photometric and electrical testing
 Optional temperature measurement monitor available
 Auxiliary lamp included for absorption correction
 Absorption correction applied as a function of wavelength
 CCD array spectrometer (250 nm to 850 nm)
 Both 4 pi (internal) and 2 pi (external) measurement configurations
 Both base up and base down testing
 Light Measurement and System Control Software
 All measurement and configuration functions are controlled within one program.
 Pass/Fail green/red display for production & quality control
 Single electrical cable connection from rack to sphere
 Labsphere Spectralect® interior sphere coating
 Up to 98% diffuse reflectance



Applications

LED clusters, chips, bulbs, luminaires,
 Architectural Lighting, Traffic Lighting
 Automotive Lighting, Railway Lighting

Four sphere diameters

0.5 meter

1.0 meter

1.5 meters

2.0 meters

Power supplies

DC

30V, 5A Programmable M8811 DC Power Supply
 All LFC systems include this DC power supply.
 Provides power for calibration lamp, auxiliary
 correction lamp and DC-powered DUTs

AC/DC Option 1

Includes DC power supply shown above, and
 Parwa APS60001L AC Power Supply (input 220V)
 TET P62201 AC Power Meter

AC/DC Option 2

Includes DC power supply shown above, and
 Chroma 61603 AC Power Supply
 Yokogawa WT210 AC Power Meter

Contact

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