



LFC Light - Flux - Color
Affordable + Accurate Lamp and Luminaires 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 Spectrareflect® 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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