

# SPECTRAL LUMINANCE METER

## CODE 0135-SL06

DATA  
OUTPUT

BUILT-IN  
BLUETOOTH

- Suitable for lighting, aviation, automotive, material, etc.
- 5 inch IPS touch screen
- 16 bit high speed AD sampling
- High precision stable operational circuit
- 72.5mm long focal length symmetric non-crossed H-T optical path
- Standard equipped with PC software for connection, testing and report printing



### SPECIFICATION

Wavelength range	380nm~780nm
Spectroscopic mode	long focal crossed asymmetric CT spectroscopic system
Sensor	high precision CCD
FWHM	2nm
Spectral resolution	0.2nm
x, y coordinate accuracy	±0.0015
x, y coordinate repeatability	±0.0005
Wavelength accuracy	±0.5nm
Wavelength output interval	1nm
Luminance accuracy	±4%FS ±1d
Luminance measurement range	0.1~200Kcd/m <sup>2</sup>
Photosensitive area size	Ø10mm
Chromaticity coordinate accuracy	±0.0025
Colortemperature range	1000K~100000K
Stray light	≤0.3%
Color rendering accuracy	±1.5%
Measurement parameter *	correlated color temperature, deviation from black body, luminance, irradiance, fL, candela, chromaticity coordinate, RSPD, CRI, chromaticity diagram, color tolerance diagram, dominant wavelength, peak wavelength, center wavelength, centroid wavelength, FWHM, color purity, red ratio, green ratio, blue ratio, color gamut, transmittance
Measurement mode	single measurement, continuous measurement
Integration time	50µs~10000ms
Zero calibration mode	automatic zeroing
Work environment	-10~40°C, ≤70%RH, no condensation
Storage environment	-20~45°C, ≤80%RH, no condensation
Power supply	3.7V, 4200mAh
Dimension (L×W×H)	114×70×208mm
Net weight	300g

\* measurement parameter can be customized

