



MK350S LED METER



Screen and resolution improvements provide greater visual clarity



Users can create a customized interface from multiple functions



Tools help user review the visible spectrum and analyze without PC



Illumination distribution images provide assistance in fixture design



Built-in file browser allows users to instantly read data in saved files



MK350S SPECIFICATION

Sensor	CMOS Linear Image Sensor	
Spectral Bandwidth	Approximately 12 nm (half bandwidth)	
Receptor Size	Ø 6.6 ± 0.1 mm	
Cosine Correction	Refer Figure 1.	
Measurement Range	70 ~ 70000 Lux	
Wavelength Range	380 ~ 780 nm	
Integration Time Range	6 ~ 1000 ms	
Capture Function	One time / Continuous	
Integration Mode	Auto / Manual	
Measuring Modes	1. Basic Value Mode 2. Spectrum Graph Mode 3. CIE 1931 Chromaticity Diagram Mode 4. CIE 1976 U.C.S Chromaticity Diagram Mode 5. Coloe Rendering Index Mode 6. Lux Image Distribution Mode 7. Measuremr Log Mode 8. CCT BIN Chart Mode 9. Quality Control Checker Mode 10. Measurement Comparison Mode 11. Data Browser Mode	
Measuring Capabilities	1. CCT 2. Lux / Foot Candle 3. CRI Ra / R1~R15 4. Spectral Irradiance 5. C.I.E Chromaticity Coordinates (1) CIE 1931 x,y Coordinates (2) CIE 1976 U.C.S u',v' Coordinates 6. Peak Wavelength / Dominant Wavelength 7. Δx , Δy , $\Delta u'$, $\Delta v'$ 8. Duv , Purity 9. PPF (400nm~700nm) 10. BIN	
Digital Resolution	16 bits	
Dark Calibration	Yes	
Stray Light	-25 dB max.*1	
Wavelength Data Increment	1 nm	
Wavelength Reproducibility	± 0.5 nm*2	
Illuminance Accuracy	Illuminant A @ 2856K at 20000 Lux	± 5%
Color Accuracy		± 0.0025 in CIE 1931 x,y
Color Repeatability		± 0.0005 in CIE 1931 x,y
CCT Accuracy		± 2%
CRI Accuracy @ Ra		± 1.5%
Display	4.3" LCD 800X480 Touch Panel	
Max. Files	≈ 2000 Files @ 2GB SD Card	
Battery Operation Time	≤ 4 hours / Fully Charged	
Battery	2500 mAh / Rechargeable Li-ion Battery	
Data Output Interface	SD Card / USB 2.0	
Data Format	Compatible MicroSoft Office Excel / JPG Data Format	
Dimensions	163 x 81 x 25.8 mm (H x W x D)	
Weight (with Battery)	250 g ± 20 g	
Operating Temperature Range	0 ~ 35 °C	
Storage Temperature Range	-10 ~ 40 °C	
Language Modes	English / Traditional Chinese / Simplified Chinese / Japanese	

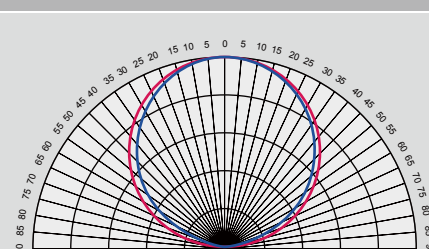


Figure 1 : Cosine Correction — MK350S — Ideal Value

*1 : Input the 550nm monochromatic light and measure the stray light ratio at 550nm +- 40nm.

*2 : Input source must be a stable light source.

The company reserves the right to change product specifications, if it has any changes will not give any notice.