



## 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

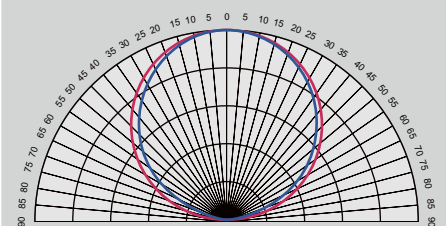


Figure 1 : Cosine Correction — MK350S — Ideal Value

Measuring Modes	<ol style="list-style-type: none"> <li>1. Basic Value Mode</li> <li>2. Spectrum Graph Mode</li> <li>3. CIE 1931 Chromaticity Diagram Mode</li> <li>4. CIE 1976 U.C.S Chromaticity Diagram Mode</li> <li>5. Coloe Rendering Index Mode</li> <li>6. Lux Image Distribution Mode</li> <li>7. Measuremnr Log Mode</li> <li>8. CCT BIN Chart Mode</li> <li>9. Quality Control Checker Mode</li> <li>10. Measurement Comparison Mode</li> <li>11. Data Browser Mode</li> </ol>
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Measuring Capabilites	<ol style="list-style-type: none"> <li>1. CCT</li> <li>2. Lux / Foot Candle</li> <li>3. CRI Ra / R1~R15</li> <li>4. Spectral Irradiance</li> <li>5. C.I.E Chromaticity Coordinates <ul style="list-style-type: none"> <li>(1) CIE 1931 x,y Coordinates</li> <li>(2) CIE 1976 U.C.S u',v' Coordinates</li> </ul> </li> <li>6. Peak Wavelength / Dominant Wavelength</li> <li>7. Δx , Δy , Δu' , Δv'</li> <li>8. Duv , Purity</li> <li>9. PPF ( 400nm~700nm )</li> <li>10. BIN</li> </ol>
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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	± 5%	
Color Accuracy	Illuminant A @ 2856K at 20000 Lux	± 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	

\*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.