



LED METER



250g Only, Light and Easy to Carry



Measure at Any Time, High Mobility



3.5" Color Touch Screen



Simple Interface, Easy to Use



SD Card Storage, Easy to Transfer Data



HOW TO MEASUREMENT LIGHTING SOURCE

- step ①: point sensor head towards light source
- step ②: press capture key
- step ③: measured data will display on the screen

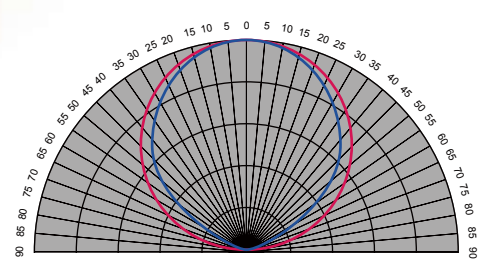


Figure 1 : Cosine Correction — MK350 — Ideal Value



MK350 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	360 ~ 750 nm	
Integration Time Range	8 ~ 1000 ms	
Capture Function	One time / Continuous	
Integration Mode	Auto / Manual	
Measuring Modes	<ol style="list-style-type: none"> 1. Basic Value Mode 2. Spectrum Graph Mode 3. CIE 1931 Chromaticity Diagram Mode 4. CIE 1976 U.C.S Chromaticity Diagram Mode 	
Measuring Capabilites	<ol style="list-style-type: none"> 1. Illuminance / Lux 2. Spectral Irradiance 3. C.I.E. Chromaticity Coordinates <ul style="list-style-type: none"> (1) CIE 1931 x,y Coordinates (2) CIE 1976 U.C.S u',v' Coordinates 4. Peak Wavelength 5. Correlated Color Temperature; CCT (in Kelvins) 6. Color Rendering Index; Ra (Rendering Average) 	
Digital Resolution	16 bits	
Dark Calibration	Yes	
Stray Light	-25 dB max. *1	
Wavelength Data Increment	1 nm	
Wavelength Reproducibility	± 1 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	3.5" LCD 320X240 Touch Panel	
Max. Files	≈ 2000 Files @ 2GB SD Card	
Battery Operation Time	≤ 5 hours / Fully Charged	
Battery	2500 mAh / Rechargeable Li-ion Battery	
Data Output Interface	SD Card / USB 2.0	
Data Format	Compatible MicroSoft Office Excel / BMP Date Format	
Dimensions	144.2 x 78 x 24 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 : Use the input of 550nm single-frequency and measurement the range of optical ± 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.