

UPRtek



MK350D LED METER



Stand-Alone and User-Friendly Interface



Compact Size and Accessible Anywhere



Wireless Connection with Smart Device



HOW TO MEASUREMENT LIGHTING SOURCE

■ Standalone Mode



■ Bluetooth Mode



■ USB Mode



MK350D 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	
Operation Mode	Standalone / Bluetooth / USB	
Capture Function	One time / Continuous (Standalone mode only support One time)	
Integration Mode	Auto / Manual (Standalone mode only support Auto)	
Standalone Screen Display Data Measurements	<ol style="list-style-type: none"> 1. CCT, CRI, LUX, λP 2. Spectrum Graphics 3. CIE 1931 / CIE 1976 U.C.S Chromaticity Value 4. R9, LUX, FC, Flicker 	
Measuring Data Collected and Saved to Micro SD Card	<ol style="list-style-type: none"> 1. CCT 2. CRI R1~R15 3. LUX 4. λP 5. C.I.E Chromaticity Coordinates <ol style="list-style-type: none"> (1) CIE 1931 x,y Coordinates (2) CIE 1976 U.C.S u',v' Coordinates 6. Percentage Flicker 	
Digital Resolution	16 bits	
Dark Calibration	Yes	
Stray Light	-25 dB max. (Use the input of 550nm single-frequency and measurement the range of optical ± 40nm.)	
Wavelength Data Increment	1 nm	
Wavelength Reproducibility	± 1 nm (Input source must be a stable light source.)	
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%
Percentage Flicker	1~100 %	
Flicker Frequency	10~165 Hz	
Flicker Accuracy	± 5%	
Display	0.96"128x64 mono OLED Panel	
Max. Files	≈ 2000 Files @ 2GB SD Card	
Battery Operation Time	≤ 3 hours / Fully Charged	
Battery	700 mAh / Rechargeable Li-ion Battery	
Data Output Interface	Micro SD Card / Mini USB Port 2.0	
Data Format	Compatible MicroSoft Office Excel	
Dimensions	33 x 33 x 90 mm (H x W x D)	
Weight (with Battery)	70 g ± 5 g	
Operating Temperature Range	0 ~ 35 °C	
Storage Temperature Range	-10 ~ 40 °C	
Language Modes	English / Traditional Chinese / Simplified Chinese / Japanese / German / French / Russian (Standalone mode only support English)	

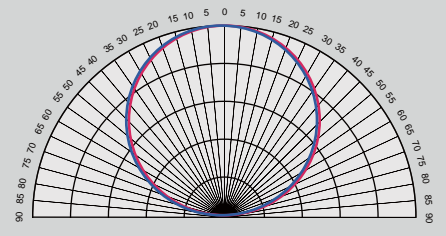


Figure 1 : Cosine Correction — MK350S — Ideal Value

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