

MK350 Series Comparison

Model	MK350N PLUS	MK350S	MK350D
	Basic	Advanced	Compact
MP Release	2015/Feb	2013/Dec	2014/Jun
Spectral Bandwidth	Approx 12nm(Half)	Approx 12nm(Half)	Approx 12nm(Half)
Wavelength Range	380nm~780nm	380nm~780nm	380nm~780nm
Integration Time Range	6~1000ms	6~5000ms	6~1000ms
Display	3.5"LCD 320x240 Touch Panel	4.3"LCD 800x480 Touch Panel	1.0" OLED Panel
Battery	2500mAh/Rechargeable Li-ion	2500mAh/Rechargeable Li-ion	750mAh/Rechargeable Li-ion
Data Outout Interface	SD Card/USB2.0	SD Card/mini USB2.0 Micro	SD/mini USB2.0
Data Format	Office Excel / BMP	image Office Excel / JPG	image Office Excel
Wireless connection	WiFi	WiFi	Bluetooth
Dimensions / Weight	144.2x78x24nm(HxWxD) Approx 250 ± 20 g	163x81x25.8nm(HxWxD) Approx 250 ± 5 g	33x33x90nm(HxWxD) Approx 70 ± 5 g
Wavelength Data Increment	1 nm	1 nm	1 nm
Wavelength Reproducibility	± 1 nm (Input source must be a stable light source)	± 1 nm (Input source must be a stable light source)	± 1 nm (Input source must be a stable light source)
Color Accuracy	± 0.0025 in CIE 1931 x,y	± 0.0025 in CIE 1931 x,y	± 0.0025 in CIE 1931 x,y
Color Repeatability	± 0.0005 in CIE 1931 x,y	± 0.0005 in CIE 1931 x,y	± 0.0005 in CIE 1931 x,y
Measuring Capabilities on Device			
CRI	Ra & R1~R15	Ra & R1~R15	Ra & R9
CCT	✓	✓	✓
Lux	✓	✓	✓
Color / x	✓	✓	✓
Color / y	✓	✓	✓
Color / u'	✓	✓	✓
Color / v'	✓	✓	✓
Cp	✓	✓	✓
Cd	X	✓	X
fc	X	✓	✓
Flicker	✓	X	✓ (Percentage)
S/P Ratio	✓	✓	X
CQS	✓	✓	X
GAI	X	✓	X
TLCI	✓	X	X
duv (Δuv)	X	✓	X
Purity	X	✓	X
Δx	✓	✓	X
Δy	✓	✓	X
Δu	✓	✓	X
Δv	✓	✓	X
PPF (400nm~700nm) μmol* m-2* s-1	X	✓	X
PPF-R (600~699nm) μmol* m-2* s-1	X	✓	X
PPF-G (500~599nm) μmol* m-2* s-1	X	✓	X
PPF-B (400~499nm) μmol* m-2* s-1	X	✓	X
PPF-UV (380~399nm) μmol* m-2* s-1	X	✓	X
PPF-NIR (700~780nm) μmol* m-2* s-1	X	✓	X
Device Mode			
BASIC	✓	✓	✓
SPECTRUM	✓	✓	✓
CIE1931	✓	✓	Value only (x / y)
CIE1976	✓	✓	Value only (u' / v')
CRI	✓	✓	Value only (Ra & R9)
COMPARE	X	✓	X
LUX.G	X	✓	X
LOG	X	✓	X
BIN / SDCM	X	✓	X
CHECKER	X	✓	X
BROWSER	✓	✓	X
Application			
Apps Name	MK350N PLUS	MK350 S	MK350D
OS	iOS & Android	iOS & Android	iOS & Android
Connection	WiFi SD	WiFi SD	Bluetooth
Optional Accessory	included (WiFi SD Card)	included (WiFi SD Card)	embedded (BT)
Optional Accessory Cost \$	ZERO	ZERO	ZERO
PC Software(uSpectrum)	included	included	included
Certificate			
CE	✓	✓	✓
FCC	✓	✓	✓
NIST Traceability Report	✓	✓	✓
Product Image			