



# Lighting Passport Pro

## Essence



### Specifications

Bottom Line : In-App Purchases

Product Type	Lighting Passport Pro Essence		
Size	Width : 68.5 mm	Depth : 17 mm	Height : 56 mm
Net Weight	79 g ± 1 g		
Wavelength Range	380 ~ 780 nm		
Illuminance Range	Measurable: 5 ~ 50,000 lux	Reliable Chromaticity: 100 ~ 50,000 lux	
Output Wavelength Pitch	1 nm		
Optical Resolution (FWHM)	10 nm		
Repeatability (2σ)	x, y : < 0.001 <small>(In Precision Mode)</small>		
Accuracy <small>(@ 1,000 lux Standard Light Source)</small>	x, y : ± 0.003	Illuminance : ± 5 %	CCT : ± 3 %
Flicker Measurement Capability	Range: 5 ~ 200 Hz Accuracy : ± 5 % (Up to 600 Hz @ over 30,000 lux)		
Integration Time	6 ms ~ 16 s		
Operating Temperature/ Humidity Range	0 ~ 35 °C, relative humidity under 80 % with no condensation		
Storage Temperature/ Humidity Range	-10 ~ 45 °C, relative humidity of 85 % or less (@ 35 °C) with no condensation		
APPs	SGE+, SGE, LN, SGT, SGAL, SGS, SGS (Tablet)		

### Applicable Mobile Devices

#### iOS devices :

Support iOS 10 and above version, including iPhone 5/ 5C/ 5S/ 6/ 6+/ 6S/ 6S+/ SE/ 7/ 7+/ 8/ 8+/ X, iPad mini2/ mini3/ mini4, iPad Air/ Air 2, iPod touch 6 and later version.

#### Android devices :

Support Android 5.0 and above version with BT4.0 (BLE, Bluetooth Low Energy) module. The UI display will be slightly different because of the size of the device screen.

## NEW Spectrum Genius Essence Plus / Spectrum Genius Essence



### APP Functions

Blue Mark : SGE+ Only

Bottom Line : In-App Purchases

[asensek](#)

Please go to APP Store or Google Play, then search "asensek," download and install the applicable APP.

APP Type	Spectrum Genius Essence Plus (SGE+)	Spectrum Genius Essence (SGE)
Measurement Mode	Single, Multiple, Subtract Background	
Cloud Features	Sync Service, Cloud Sharing	N/A
Measurement Capability	CCT CIE 1931 CIE 1976 Spectrum IEC-SDCM C78.377-2008 CRI Ra (R1~R8)	R1 ~ R15 CQS TLCI (Qa) Gamut Area Index (GAI) Illuminance NEW Melanopic Lux NEW Circadian stimulus (CS) Foot Candle
Key Features	Record Search, S Multiple Photograph, Quick View, Records Privacy Setting, Record Tag Setting, Multiple Records Sharing/ Deletion, Spectrum Classification Setting, Automatically Record Temperature & Humidity, Photograph, Note, Auto Connection, Auto Dark Calibration, Data Comparison, GPS Orientation, Social Media Integration	Automatically Record Temperature & Humidity, Auto Connection, Auto Dark Calibration, Note, Data Comparison, Photograph, GPS Orientation, Social Media Integration, Smart Pass, Migrate
Language	English, German, Traditional Chinese, Simplified Chinese (progressive increasing)	English, Traditional Chinese, Simplified Chinese, Japanese, German, French, Spanish, Italian, Turkish, Russian

ASENSETEK reserves the right to modify the specification of its products without prior notice. Please check the official website for updates.