Congratulations

V1AFE10

Flight
Lighting Passport

Date
Anytime

Class
A

To
Anywhere

Boarding Time
Now

Flight
Lighting Passport

Class
A

Name
Dear Sir/ Madam

Remarks *Lighting Passport is a precision instrument, please follow our instruction to use.*

ASENSETEK
Extend your sense

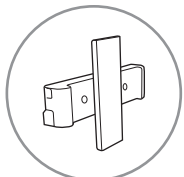**Get Extended Warranty Service**
(Value 1,000 USD)

Please register within 10 days after receiving your Lighting Passport here:
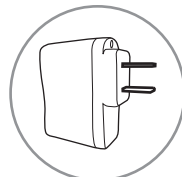**http://www.asensetek.com/registration/**

ASENSETEK
Extend your sense

Lighting Passport

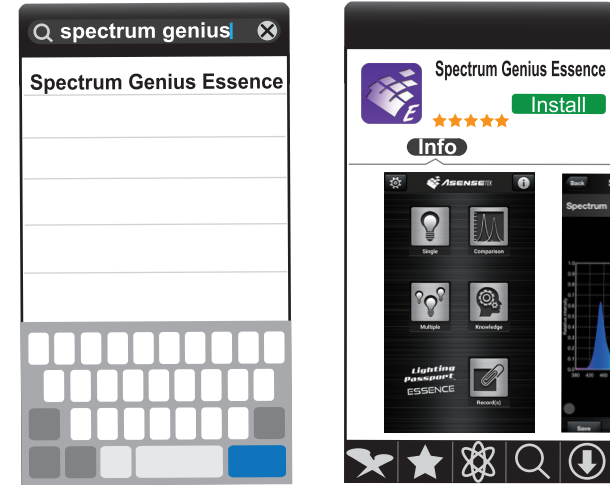# Lighting Passport Quick Guide
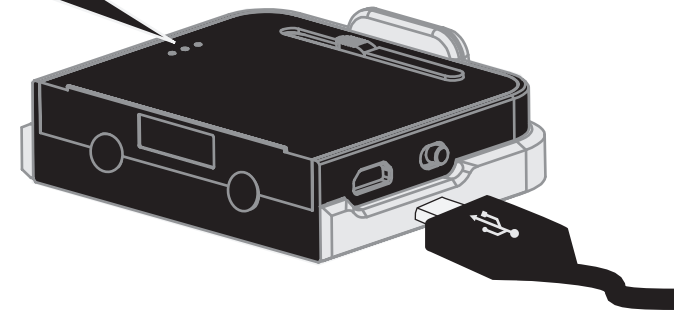
Stand   **Cable**   **Adaptor**

1.Download App - Spectrum Genius Essence

First, you should go to App Store or Google Play, then search "Spectrum Genius Essence". Now download the App and install it.

2.Charging

* If the battery is completely depleted, please turn off Lighting Passport to charge for more than 20 minutes, then turn on Lighting Passport.

* Please use the original adaptor to charge Lighting Passport.

Blue   LED
On: Power on
Flash: Data transmission

Green LED
On: Connect with external power source

Red   LED
On: Charging
Off: Full power

Before you use Lighting Passport first time, please charge until the Red LED off.

3. Remote Measurement

① ②

When you take the remote measurement, please unscrew the footing of stand and make sure Lighting Passport in static condition.

4. Main Menu

Settings

Help

Single
Single measurement, get one-time measurement report of the observed object(s).

Multiple
Multiple measurement, compare the performance of the observed object(s).

Comparison
Make two "single measurement" reports to compare the spectrum, R1-R15, and every parameter.

Knowledge
Lighting Wiki, the knowledge about photometry.

Record(s)
All saved reports are kept in the record file.

✱ Please follow the "Help" of App to know the detailed introduction, or come to Asensetek official website to download the SGE introduction.

5. Specification

✱ 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.

Wavelength Range	380 ~ 780 nm	**Measurement Mode**	**Single** **Multiple** ✱ **Subtract Background**
Illuminance Range	Measurable : 5~50,000 lux Reliable Chromaticity : 100~50,000 lux		
Optical Resolution	10 nm	**Measurement Capability**	CCT CIE 1931 CIE 1976 Spectrum Diagram C78.377-2008 IEC-SDCM CRI (Ra) (R1-R8) R1 ~ R15 CQS TLCI (Qa) GAI Illuminance Foot Candle Peak Wavelength (λp) TM-30-15 # ※ **Comparison** ※ **Smart Pass** #
Repeatability (2σ)	x,y : < 0.0015		
Accuracy (@1,000 lux standard light source)	x,y : ± 0.003 Illuminance : ± 5% CCT : ± 3%		
Integration Time	6ms ~ 16s		
Language	Traditional Chinese Simplified Chinese English / Japanese French / German Russian / Italian Spanish / Turkish		

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

✱ Measurement Condition: with NIST traceable instrument and light source.

In-App Purchase.

6. Product Matrix

△ Free Download
● Package Content
○ Choose and Buy

	Lighting Passport Essence Set	Lighting Passport Standard Set	Lighting Passport Flagshipe Set
Protective Bag	●	●	●
Stand	●	●	●
Clipper		●	●
iPod Touch 5			●
Replacement Parts		●	●
Tripod Adaptor	○	○	○
Pocket Bag	○	○	○
APP Spectrum Genius Mobile		△	△
APP Spectrum Genius Essence	△		
APP Spectrum Genius Transmittance	△	△	△
APP Spectrum Genius Agricultural Lighting	△	△	△
APP Spectrum Genius Studio	△	△	△
PC Spectrum Genius Standard		●	●
PC Spectrum Genius Advanced	○	○	○