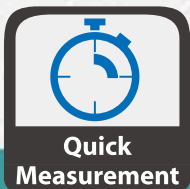




Lighting Navigator

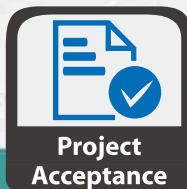
The shortest way to do your lighting business



Quick Measurement



Design Planning



Project Acceptance



Sales Demonstration



Lighting Navigator



Perfect

Lighting Navigator by Asensetek features the most innovative spectrometer design on the market. Using a seamlessly integrated control system app for smart devices, users can place the Lighting Navigator under any light source to take remote measurements, gather lighting data on the fly, and check whether illumination meets various international lighting standards (currently supports CIE, JIS, CNS, and GB, with more on the way).

The featherlight hardware design of the Lighting Navigator makes it highly compact and portable, while a patented optical spectrum engine provides precise and reliable readings — and each Lighting Navigator is NIST traceable.

The Lighting Navigator app features three main functions: **Filter, Measurement, and Comparison.**

- ◆ The **Filter** function comes pre-loaded with a suite of commonly-used international lighting standards which enable users to easily determine the suitability and safety of lighting conditions as well as specify custom user parameters.
- ◆ The **Measurement** function allows users to quickly obtain CCT, CRI, illuminance, and spectrum data and assess whether a light source meets specified standards based on the user's selected Filter.
- ◆ The **Comparison** function allows users to efficiently compare two datasets collected using the Measurement function, including a graph comparison for spectrum readings, CCT, CRI, and illuminance values. With the Comparison function, users can easily showcase differences between various products to customers, purchasers, and interior designers anywhere, anytime.

Lighting Navigator is currently focused on luminosity and photometry for light sources, with new applications for Cloud Service, Luminaire Trading, Experts Recommend Indexes, and more currently under development. Going forward, Asensetek will continue to enhance and expand Lighting Navigator into an even more powerful and flexible tool.



Specifications

Size	Width : 63.1 mm Depth : 17.5 mm Height : 63.1 mm
Net Weight	92 g ± 1 g (with stand)
Wavelength Range	380 ~ 780 nm
Illuminance Range	Measurable: 5 ~ 50,000 lux
Optical Resolution (FWHM)	10 nm
Accuracy (@ 1,000 lux Standard Light Source)	Illuminance : ± 5 % CCT : ± 3.5 %
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

APP Functions

Before you begin, you should go to App Store or Google Play, then search "asensetek." Now download the APP "Lighting Navigator" and install it.



Main Features	Filter Measurement Comparison
Measurement Capability	CCT CRI (Ra) Illuminance Spectrum
Other Features	Photograph, Note, Auto Connection, Standard Estimation, GPS Orientation, Social Media Integration
Language	English, Traditional Chinese, Simplified Chinese

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

Applicable Mobile Devices

iOS devices :

Support iOS 10 and above version, including iPhone 5/ 5C/ 5S/ 6/ 6+/ 6S/ 6S+/ SE/ 7/ 7+, 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.



ASENSETEK
Extend your sense

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