MK350

Portable Spectrometer

The applications of MK350

Q1: MK350 application for *LED production line*

Q2: For the *interior designers*, how can they surpass in their jobs by using MK350 spectrometers?

Q3: How can *lighting subcontractors* meet the requirements during the acceptance of works?

Q4: How *lighting designers* can use MK350 to prompt their efficiency in VM and store fixture design?

Q1 MK350 application for *LED production line*

A : Thanks to it's characters of refined calibration and mobility, MK350 is always ready to measure wherever you go, and all data such as Spectrum Graph, Under Basic Value Mode, CCT(Correlative Color Temperature), CRI(Color Rendering Index), λ P(Main Emission peak length), CIE 1931 Chromaticity Diagram, CIE1976 Chromaticity Diagram, could be both stored and accessible right at the site.

The portable MK350 could also be a complement to integrating sphere and brings you a enhanced performance during each measurement. To verify by comparing the data from on-site measuring and that of lab, the applications of spectrometer are extended to production line, job site and wherever it needs. Data could be transferred via USB port or wireless Wifi connection.

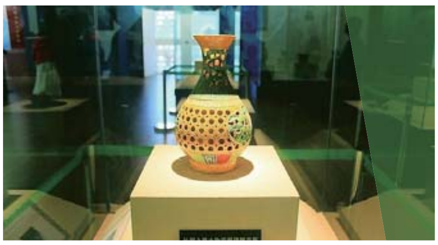
Q2 For the *interior designers*, how can they surpass in their jobs by using MK350 spectrometers?

A : It is the comfortable design of interior lighting with refined tuning that makes difference! A perfect interior lighting is combined with proper color temperature and light intensity. And CRI of the lights you choose also influence the color saturation reflected by all objects in the space.

From now on, comfortability, can be described with digital values, CCT, CRI, Color Chromaticity. any lighting condition you want, you can defined it and contract it! By using MK350 as a digital communication tool, your accurate execution in decoration project will be performed with more advantages.

Q3 How can *lighting subcontractors* meet the requirements during the acceptance of works?

A : Although the illumination guideline of of an LED electric bulb has been announced and the standards for LED have also implemented in many countries and areas, however, more and more claims are coming up when there are so many kinds and colors of LED lamps developed and designed to be like fluorescent lightings, but are considered not qualified in brightness and color. It was also a factor in many cases that they were not able to measure the brightness, color rendering properties, etc. before switching to new LED lights.



Q4 How *lighting designers* can use MK350 to prompt their efficiency in VM and store fixture design?

A: It's always been a challenge for lighting designers to maximize the visual effects of all kinds of exhibition in display windows, showrooms, or even museums, and lighting intensity and color render index (CRI) always play important roles on it.

Sun and incandescent lights are with the base 100 of CRI, owning to continuous distribution in spectrum, they provide to reflect absolutely true colors of all objects. You may apply MK350 to know the limits of artificial lighting and combine those lights to come up with a lovely atmosphere you want to have.

OStriders

Strider Instruments
Email: MK350GLOBAL@strider-tech.com
Tel : +86 21 63549265
Add : 2006, No.511 Tianmu W. Rd. Shanghai 200070, P.R.China