



KONICA MINOLTA

Press Release

CL-200A

New Chroma-Meter CL-200A to face the new generation lighting technology of LED's

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Konica Minolta Sensing, Inc. announces the introduction of the new lightweight portable Chroma Meter CL-200A suitable for measuring the colour temperature of white LED's and other Light sources.

LED's are known as next-generation lighting because their low energy consumption and efficiency is far better than that of traditional light bulbs. Furthermore, LED's are environmentally friendly because unlike fluorescent lamps, they use no mercury. After the introduction of high-luminance white LED's, this technology has become even more practical and popular for general-purpose lighting and as backlights for large-sized LCD displays.

Konica Minolta Sensing has been known as a leading manufacturer of high-performance illuminance meters for a quarter of a century. Konica Minolta Chroma Meters measure not only illuminance but also colour temperature and chromaticity at the same time. Because of this they are well accepted and valued by R&D departments and production lines of LED manufacturers. Thus Konica Minolta Sensing, Inc. enjoys a leading market share in the LED lighting field.

The Chroma Meter CL-200A, which succeeds the current CL-200, has improved operability for white LED measurement. In addition to measuring the colour temperature, chromaticity and illuminance of light sources, the CL-200A also shows the dominant wavelength and excitation purity directly in the display. The CL-200A is a perfect tool to control the quality of new lighting devices such as LED modules. And with the standard accessory software which runs on a PC, users of the CA-200A will be able to rank each measured LED automatically by plotting the data on the chromaticity chart.

The new CL-200A is useful not only for LED manufacturers but also for lighting designers, architects and engineers in the field. When producing illumination for a stage or space, colour temperature, chromaticity and illuminance which are suitable for the space need to be specified and correctly communicated with the workers setting up the event, especially when amenity, safety and efficiency are important to the original designer of the space. The CL-200A is the ideal tool to ensure the stage lighting is exactly as the designer envisaged.

Press photos



The compact handheld Konica Minolta Chroma-Meter CL-200A measures illuminance, colour temperature and chromacity for white LED's and classic lightings at once.



To monitor consistency and evenness of larger areas, the system can be expanded to a multi-point measurements system with up to 30 receptor heads.

About Konica Minolta Sensing Europe B.V.:

Konica Minolta Sensing Europe B.V., an affiliate of Konica Minolta Sensing Inc. Japan is a leading provider of measurement solutions for applications in the fields of Colour & Appearance, Light, Display and 3D shape digitalization. Konica Minolta Sensing Europe serves the industry in the EMEA region with Branches and Distributors in more than 30 countries. Derived from our state-of-the-art optical and image processing technologies, measuring solutions from Konica Minolta Sensing help improve quality control and support R&D in a wide variety of industries.

Our colour management solutions are essential to control and monitor quality in many areas of manufacturing, such as automotive, coatings, plastic, construction materials, food, chemicals and pharmaceuticals. In the innovative area of Light & Display technology, Konica Minolta Color Analyzers enjoy an "industry standard" position. Our 3D digitizers are widely used in applications such as medicine, cultural heritage and academic education and research. Konica Minolta Sensing will continue to innovate, utilizing the latest high-accuracy sensing technology providing solutions which meet the ever-changing needs in diverse fields.

For further information about Konica Minolta Sensing, visit:

www.konicaminolta.eu/measuring-instruments.html

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Contact:

Andreas Ullrich
Konica Minolta Sensing Europe B.V.
Phone: +41 (0)43 322 98 02
andreas.ullrich@seu.konicaminolta.eu