

(English Translation)



Certificate of Accreditation

To KONICA MINOLTA SENSING, INC.

IAJapan hereby accredits the following laboratory as a calibration laboratory based on the Measurement Law as it meets the requirements of relevant international standards. This laboratory also meets the requirements for Mutual Recognition Arrangements (MRA) of ILAC and APLAC.

Accreditation No. J C S S 0 0 2 6

Name of Laboratory

KONICA MINOLTA SENSING, INC.

Address of Laboratory

3-91, Daisen-nishimachi, Sakai-ku, Sakai-shi, Osaka
590-0821, Japan

Accreditation Scope

Photometry (as attached)

Accreditation Criterion

ISO/IEC 17025:2005

Date of Issue: 2010-12-24

Dr. Koichi Nara

Chief Executive, IAJapan

National Institute of Technology and Evaluation

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- International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APLAC (Asia Pacific Laboratory Accreditation Cooperation).
 - MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programmes, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.
 - This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system. The management system requirements in ISO/IEC 17025:2005 meet the principles of ISO 9001:2008 and are aligned with its pertinent requirements.

General Field of Calibration : Photometry

Date of Initial Accreditation of the Field : 1994-03-01

Measurand Quantities/Instruments[Date of Accreditation] : Standard Lamp for Luminous Intensity, etc. [2010-12-27]

Permanent Laboratory/On-site Calibration : Permanent Laboratory

Type of Service		Calibration Scope	CMC (Expanded Uncertainty($k=2$))
Standard lamp for luminous intensity, etc.	Luminous Intensity Standard Source (Tungsten Lamp) & Measuring Instruments	From 10 cd up to 3000 cd	1.2 %
	Illuminance Standard Source (Tungsten Lamp) & Measuring Instruments	From 1 lx up to 100000 lx	1.2 %
	Spectral Irradiance Standard Source (Tungsten Lamp)	From 250 nm up to 450 nm	5.4 %
		More than 450 nm up to 600 nm	3.4 %
		More than 600 nm up to 830 nm	4.2 %
		More than 830 nm up to 2500 nm	6.6 %
	Distribution Temperature Standard Lamp (Tungsten Lamp) & Measuring Instruments	From 2000 K up to 3200 K	18 K