Fox Valley Metrology
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CERTIFICATE OF CALIBRATION

ilac-MRA
ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
CALIBRATION AND DIMENSIONAL MEASUREMENT
Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00419-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	Light Meter
MAKE	AEMC Instruments
MODEL	CA813
ACCURACY	5% of reading
CUSTOMER LOCATION	Location1 Location2
CONDITION RECEIVED	In Tolerance
CONDITION RETURNED	In Tolerance
CALIBRATED BY	Brian L Gliszinski
REVIEWED/ISSUED	D.P. 07/29/2025
CALIBRATION LOCATION	FVM
ENVIRONMENT	69.0°F, 31.0%RH, 28.92inHg
CALIBRATION DATE	05/14/2025
RECALIBRATION DUE	05/14/2026

IDENTIFICATION	EL-059A
SERIAL NUMBER	419
PURCHASE ORDER #	

PROCEDURES FOLLOWED

EL-059A rev. 2

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
AG1-010	DS1ZA181104521	CO291-56414-833	10/31/2025

CALIBRATION RESULTS

*** DENOTES "OUT OF TOLERANCE"**

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Illuminance	(Lux)	(Lux)	(Lux)	(Lux)	(Lux)	(Lux)
	180.0	170.0	190.0	180.0	180.0	6.2E+0
	300	275	325	300	300	9.4E+0
	900	845	955	900	900	2.6E+1
	1800	1700	1900	1800	1800	4.5E+1
20k Lux Range	3.00	2.75	3.25	3.00	3.00	2.1E+0
Readings are x10	9.00	8.45	9.55	9.00	9.00	3.7E+0
	12.00	11.30	12.70	12.00	12.00	4.5E+0

Reviewed

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration.
Nominal and limits may vary based on actual make/model.

■ This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024

■ Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered “shared responsibility.”) Uncertainties expressed in nominal units.

■ The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.