



CERTIFICATE OF CALIBRATION

Certificate No. : UALCD/00197/24

Customer Name & Address	: REL, Inc. 57640 N. Eleventh St. Calumet, MI 49913 US	Instrument	: Relinc UV-7300
Calibrated Date	: 02-05-2025 CSK	Serial No.	: 290576-20
Calibration Due on	: 02-05-2026		
Location	: Opto-Cal		
Data Type	: Factory Calibration		

Work Procedure: CP218 A (Factory Calibration)

Reference Equipment(s) used:

Equipment Name	Serial No.	Traceability	Certificate No.	Calibration Due on
Relinc LED UVA 25071612	25071612	Reference Only		01-01-2050
OC9L	OC9L	844/269644-04	UALCD/00017/23	12-06-2024
G708	G708	685/292713-19/2	UALCD/00105/24-S1	03-15-2025
AR-982	981017101	NIST	UALCD/00115/24	02-01-2025

Traceability Statement:

Opto-Cal's calibration system complies with all requirements within ISO/IEC 17025:2017 and ANSI/NCSL Z540-1-1994. Opto-Cal has been audited and accredited to the ISO/IEC 17025 CERT#6198.01 standard by A2LA (American Association for Laboratory Accreditation). All calibrations performed using internationally recognized standards traceable to NIST, or equivalent NMI (National Measurement Institution) to the International System of Units (SI Units). The information presented in this report relate to only the instrument(s) identified within it and may not be reproduced, except in-full, without prior written consent of Opto-Cal. This report shall not be used by customer to claim product certification, approval, or indorsement by NIST, A2LA, or any other government agency.

Measurement Uncertainty

Reported uncertainties represent expanded uncertainties, expressed at an approximately 95% confidence lever using a coverage factor of $k=2$.

Technician Name :
Chris Ruff

Approved By :
Chris Ruff



CERTIFICATE OF CALIBRATION

Certificate No. : UALCD/00197/24

Calibration Results (As Found)

Calibration Description and Conditions

Make	: REL	Temperature °F	: 70
Model	: UV-7300	Humidity %	: 38
SN	: 290576-20		
Type	: Illuminance, UV		
Procedure(s)	: CP218		

Instrument Readings

Sensor	Standard	Units	Final	Uncertainty (+/-)
Visible	15.00	Fc	15.00	1.1%
UV	3000	$\mu\text{W}/\text{cm}^2$	3000	1.2%

Instrument Performance

Final : Instrument Factory Calibration

Calibration Process

Calibration performed using verified and tested calibration procedure by Opto-Cal.

Decision Rule

Default Decision Rule: For ISO/IEC 17025 calibrations, when determining an "in-tolerance" or "out of tolerance" condition, the measurement uncertainty shall not be considered. Measurement results for the device under test (DUT) are declared "within specifications," when falling equal to or less than the OEM's stated accuracies/tolerances. Measurement results for the DUT are declared "outside specifications," when falling above OEM's stated accuracies/tolerances. The uncertainty of the measured value shall be stated and provided for customer evaluation, regardless of the tolerance ruling.