METROLOGY SYSTEM (THAILAND) CO.,LTD.
Trescal company
69/29 Moo 1 Klongsi Klongluang Pathumthani 12120 Tel: (662) 193-2217-20 www.spmetrology.co.th www.ศูนย์เทียบเครื่องมือวัด.com

Certificate of Calibration

Certificate Number : SPR25100331-4

Customer : Center for Safety, Health and Environment of Chulalongkorn University
Chamchuri Building 1, Room 108, Phayathai Rd., Pathumwan,
Bangkok 10330

Equipment Name	:	Light Meter			
Manufacturer	:	Extech			
Model	:	SDL400			
Serial Number	:	A.030158			
ID. Number	:	N/A			
Environmental Conditions					
Ambient Temperature	:	23 °C ± 3 °C	Received Date	:	22 Oct 2025
Relative Humidity	:	50 % ± 15 %	Calibration Date	:	24 Oct 2025
Location of Calibration	:	In-Lab	Recommend Due Date	:	24 Oct 2026
Calibration Procedure	:	SP-CPE-04-32	Date of Issue	:	25 Oct 2025

Method of Calibration

This certifies that the above instrument was calibrated in compliance with the calibration system requirement of ISO/IEC 17025:2017 in accordance with reference procedure. Standards used to perform this calibration are certified by to NIST or equivalent, National metrology institute, Natural physical constants, consensus standards. The result reported herein apply only to the calibration of the item described above as received.Our decision rule is to contact the customer if the item pass and fail calibration when the results include the uncertainties and the customer must determine if the results meets their needs.

Calibrated by : Mr.Chumpon Dokpikul
Calibration Officer

Approved by

(Mr.Pootthipong A.)
Authorized Signatory

SPM A Trescal SP Metrology System (Thailand) Co., Ltd.

METROLOGY SYSTEM (THAILAND) CO.,LTD.
Trescal company

Calibration Report

Certificate Number : SPR25100331-4

Reference Standards

Equipment Name	Model	Serial No.	Certificate No.	Due. Date
Illuminance Meter	T-10A /T-10MA	20023158/3102317	ILLU-251887	09 Aug 2026

Traceability

This certification is traceable to the International System of Unit maintained at :

SI - International System of Units

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Result of Calibration

Certificate Number : SPR25100331-4

Function: Illumination Measurement

Unit : Lux

Calibration Point	Standard Reading	UUC Reading	Error	Uncertainty (±)
200	200.0	202	2	6.6
500	500	506	6	6.6
1000	1000	1014	14	13
1500	1500	1523	23	20
2000	2000	2030	30	26

Note:

The result of calibration was found accurate as show on date and place of calibration only.

This Certificate is not certified for any commercial transaction.

Measurement Uncertainty

The reported uncertainty of measurement is the expanded uncertainty obtained by multiplying the standard uncertainty with the coverage factor k = 2, providing a level of confidence approximately 95 %

- End of Certificate -

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