

# เครื่องวัดความเข้มแสงที่มีใบ Certificate





### Certificate of Calibration

**Customer** : University of Phayao  
**Name** : University of Phayao  
**Address** : 19 Moo 2 Macka, Muang, Phayao 56000

**Certificate No** : 21-LXM-026  
**Request No** : Req-2021-0519  
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#### Unit Under Calibration Details

**Instrument Name** : Digital Lux Meter  
**Manufacturer** : EXTECH  
**Model** : 407026  
**Serial Number** : A041058  
**Resolution** : 1 lx  
**ID Number** : -

**Range Calibration** : 0 to 2000 lx  
**Instrument Status** : Used

#### Calibration Environment and Details


**Temperature** : 25 °C ± 2 °C  
**Humidity** : 60 %RH ± 20 %RH  
**Received Date** : 28 April 2021  
**Calibrated Date** : 04 May 2021  
**Calibration Procedure** : The measurement was done in accordance with CP-LXM-01

**Reference Standard** : Photometer and Illuminance Sensor, Serial No.: 30662/2, 30592/2, which was calibrated on 20 October 2020, Certificate No.: TP-1033-20

**Traceability** : This Certificate is traceable to International System of Unit (SI) Unit through National Institute of Metrology (Thailand)

#### Note

The reported uncertainty is based on a standard uncertainty multiplied by the Coverage Factor  $k = 2$ , providing a level of confidence approximately 95 %.

Approved By : 

Mr. Pacit Mathavorn

Calibration Engineer Supervisor

Issue Date : 04 May 2021

**Calibration Note**

UUC Adjustment : Zero adjustment before use

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**Result of Calibration :**

UUC Range (Ix)	Standard (Ix)	UUC Reading (Ix)	Correction (Ix)	Uncertainty ( $\pm$ Ix)
2000	0	0	0	0.58
	100	100	0	1.8 % of Reading
	500	500	0	
	1000	999	1	
	1502	1512	-10	
	2000	1991	9	

End of Certificate

Calibrated By :

*me*

Mr. Noppadon Luangart