

Certificate Of calibration



Behine Sanjesh Azma Eng.

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CERTIFICATE No: D4975/98/5

Re-Cal Date:
1399/09/09

Date of Issue:
1398/09/11

CALIBRATION Date:
1398/09/09

Customer & Equipment specification

Client: Kavosh Gostar Pooya Co

Calibration Code: CAL 07

Client ADD: Yazd

Equipment: Digital Light Meter

Manufacture: Benetech

Model: GM 1010

Resolution: ---

Serial No: 2356708

Range: 0 ~ 200000 LUX

Calibration Report

1) Reference Standards & Traceability:

1. Xenon light Source S/N: 660
2. Environmental Test Chamber B.HT.CH
3. LX50 Light meter Kimo , S/N: 1P150826970 , Cert.No: NAL1500048

The reference standards are traceably calibrated to national and International metrology Institute.

- 2) Calibration Method: working instruction No.BWI-CU-01 in accordance to DIN5032
- 3) Environmental Condition: Temperature: $23.1 \pm 1.5^{\circ}\text{C}$ Humidity: $35 \pm 5\% \text{RH}$ Pressure: $871 \pm 5 \text{mbar}$
- 4) Uncertainty:

The reported expanded uncertainty of measurement is estimated in accordance with EAL publication. EA4/02 with attention to coverage factor $k=2$, for normal distribution, provided a level confidence of approximately 95%.

- 5) Calibration result: As appendix pages

Lab.manager
A.PARAND



Calibrated by



BEHINE SANJESH AZMA	
www.behsalab.com	
ID No	CAL-08
Cert No	D4975/98/5
Cal Date	1398/09/09
Due Date	1399/09/09
BT-FO-0515-00	Invald Without Certificate Revise Date

- 1.The user must act in order to recalibrate during a specified period of time.
- 2.This certificate shall not be published or reproduced other than in full.
- 3.This certificate is not valid without special stamp of issuant laboratory.

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DISTANCE cm	UUC READING LUX	REF.VALUE LUX	ERROR LUX	ACC	EXP.UN
-	0	0.0	0.0		
10	1936	1921.7	14.3	± (3%rdg + 0.5 % F.S.)	± 3.5%rdg
20	1480	1473.2	6.8		
30	934	926.4	7.6		
40	475	471.3	3.7		

OFFICE	Lux	fc	STORE	Lux	fc
Conference, reception room	200 ~ 750	18 ~ 70	Indoors stairs, Corridors	150 ~ 200	14 ~ 18
Clerical work	700 ~ 1500	65 ~ 140	Show window, Packing table	750 ~ 1500	70 ~ 140
Typing Drafting	1000 ~ 2000	93 ~ 186	Forefront of show window	1500 ~ 3000	140 ~ 279
FACTORY			HOSPITALY		
Visual work at production line	300 ~ 750	28 ~ 70	Sickroom, Warehouse	100 ~ 200	9 ~ 18
Inspection work	750 ~ 1500	70 ~ 140	Medical examination room	300 ~ 750	28 ~ 70
Electronic part assembly line	1500 ~ 3000	140 ~ 279	Operating room	300 ~ 750	28 ~ 70
Packing work, Entrance Passage	150 ~ 300	14 ~ 28	Emergency treatment	750 ~ 1500	70 ~ 140
HOTEL			SCHOOL		
Public room, Checkroom	100 ~ 200	9 ~ 18	Auditorium	100 ~ 300	9 ~ 28
Reception	200 ~ 500	18 ~ 47	Classroom	200 ~ 750	18 ~ 70
Cashier	750 ~ 1000	70 ~ 93	Laboratory	500 ~ 1500	47 ~ 140

ERROR RESULATION:

The Permissible error value is Determined by Comparing With Accuracy.

End of calibration cert.

Abbrevitons.

UUC.:Unit Under Calibration Ref.: Refrence EXP.UN. :Expanded Uncertainty MPE.: Maximum Permissible Error

CALIBRATION RESULT