

## DIGITAL LUX METER

This Digital Lux Meter is small in size, light in weight, easy to carry. Although complex and advanced, it is convenient to use and operate. Its ruggedness will allow many years of use if proper operating techniques are followed. Please read the following instructions carefully and always keep this manual within easy reach.

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5. CORRECTION FACTOR  
Mercury Lamp.....x1.1  
Fluorescent Lamp.....x1.0  
Incandescent Light.....x1.0  
Day light.....x1.0
6. FRONT PANEL DESCRIPTIONS



- 3-1 Display  
3-2 Power switch  
3-3 Range switch  
3-4 Light sensor  
3-5 Sensor handle  
3-6 Battery compartment/C over

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## 7. MEASURING CONSIDERATIONS

As the DIGITAL LUX METER is a high accuracy instrument and its PHOTO SENSOR has special feature for the curve on low display reading area. Therefore if display indicates one or more leading zeros, the user has to shift Range switch (3-3) to the next low scale to improve resolution and accuracy.

## 8. REPLACEMENT OF BATTERY

- 8.1 It is necessary to replace batteries when the symbol LOBAT shows up on the display.  
8.2 Slide the battery cover (3-6) away from the instrument and remove the battery.  
8.3 Install the batteries (1x9v) correctly into the case.  
8.4 If the instrument is not to be used for any extended period, remove the battery.

## 9. ADEQUATE LIGHT FOR WORK AREA

See the table below.

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## 1. FEATURES

- \* Wide measuring range and high resolution.
- \* Digital display gives exact reading with no guessing or errors.
- \* In built LOW BATTERY indicator.
- \* Auto zero adjustment.
- \* Separate Light SENSOR allow user take measurement at optimum position.
- \* The use of durable, long lasting components, including a strong, light weight ABS-plastic housing assures maintenance free performance for many years. The housing has been carefully shaped to fit comfortably in either hand.

## 2. GENERAL SPECIFICATIONS

Display: 3 1/2 digits, 10 mm LCD  
Range: 0~50000 lux, 3 ranges  
Over-put: Indication of 1  
Sampling time: 0.4 s  
Power supply: 1x9V battery  
Operating condition: Temp. 0~50°C  
Humidity <80%  
Size: 108×72×23mm  
Light sensor 96×58×16 mm  
Weight: about 175g (including battery)

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## Accessory:

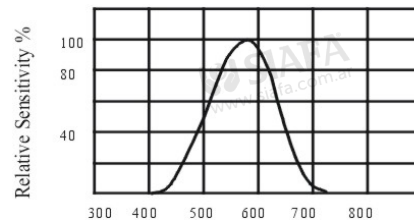
Carrying case..... 1 pc.  
Operation manual..... 1 pc.  
Sensor..... 1 pc.

## 3. ELECTRICAL SPECIFICATIONS

Range	Resolution	Accuracy (23±5°C)
0-1.999 Lux	1 Lux	± (5%n+10d)
2.000-19.999 Lux	10 Lux	± (5%n+10d)
20.000-50.000 Lux	100 Lux	± (5%n+10d)

NOTE: Accuracy are tested by a standard parallel light tungsten lamp of 2854 K temperature

## 4. SPECTRUM FOR LIGHT SENSOR



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## ADEQUATE LIGHT LEVELS FOR WORK AREA

LUXE LOCATION	10000	5000	3000	2000	1500	1000	750	500	300	200	150	100	75	50	30	20
FACTORY																
OFFICE																
HOME																
STORE																
HOSPITAL																
SCHOOL																
RESTAURANT																
BABER BEAUTY PARLOR																

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