



User's Manual
Mini Light Meter – 13/482/0



*Please read this user manual thoroughly before use
and keep it safe for future reference.*

1. General Description

This Light Meter is designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and light quality control in various environments like factory, school, construction, etc.

2. Features

- ◆ Measuring range: 0Lux~200Klux/0Fc~20KFc (Measurement repeatability)
- ◆ Automatically revise parameters for nonstandard illumination
- ◆ Selectable measurement units LUX/FC
- ◆ MAX/MIN record
- ◆ Large LCD display
- ◆ Backlight LCD display, facilitating the operation in the dark places.
- ◆ Automatic measurement
- ◆ Low battery indication
- ◆ Meter automatically shuts down after approx. 15 minutes of inactivity

3. Basic User Maintenance

Repairs or servicing not covered in this manual should only be performed by qualified personnel.
Wipe the unit with a dry soft cloth. Do not use abrasives or solvents on this instrument.

4. Safety

Read the following safety information carefully before attempting to operate this meter.
Use the meter only as specified in this manual, otherwise the readings produced by the meter may be impaired.

Suitable conditions for Use:

- RH≤90% (Non-Condensation)
- Operating Temperature: -20℃ ~ 60℃
- Storage Temperature: -20℃ ~ 60℃

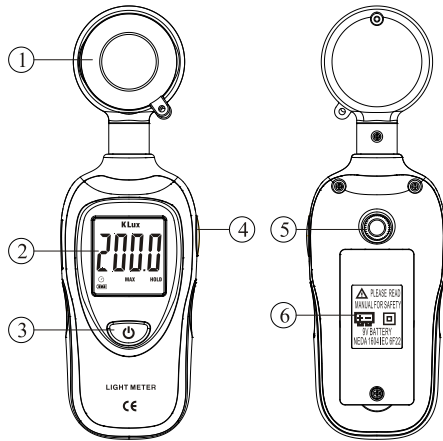


5. Specifications

Display	4 digits LCD display	
Measuring range	0 Lux~200K Lux, 0Fc~20KFc	
Spectral response	CIE photopic (CIE human eye response curve)	
Over range indication	LCD displays "-OL-" or "-LO-"	
Spectral accuracy	CIE Vλfunction (f1' ≦ 6%, f2' ≦ 2%)	
Accuracy	±3%rdg±0.5%f.s.(<10,000Lux)±4% rdg±10dgts.(>10,000Lux)	
Sampling rate	2 times per second	
Photo detector	Silicon photo-diode with spectral response filter	
Battery life	at least 60 hours	
Operating conditions	Temperature:-20~60℃	Humidity: 10%~90%RH
Storage conditions	Temperature: -20~ 60℃	Humidity: 10%~75%RH
Power supply	One 9V battery, 006P, NEDA1604 or IEC6F22	
Dimension(L*W*H)	172 * 55 * 38mm	
Weight	88g	

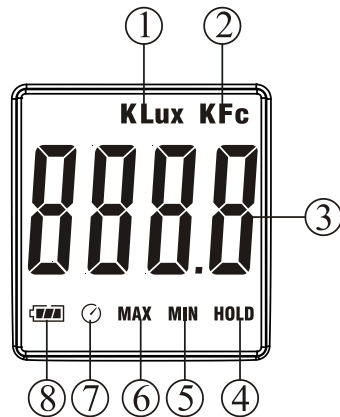
6. Meter Description

- ① Photo detector
- ② LCD display
- ③ Power ON/OFF button
- ④ Fc/Lux button
- ⑤ Tripod nut
- ⑥ Battery compartment




7. LCD Display Description

- ① Illuminance units
- ② Measurement readings
- ③ Hold icon
- ④ MAX/MIN icon
- ⑤ Auto power off icon
- ⑥ Low battery indication




8. Operation Instruction






Backlit & Power ON/OFF Function

Power ON: Press and release the power button "  " and the LCD screen will be activated.

Power OFF: Press and hold the power button "  " for approximately 3 secs until the LCD switches off.

Backlit: When the meter is on, press the power button "  " again and the backlight will be switched on. Pressing the power button again will switch it off but it will automatically turn off after approximately 30 seconds of inactivity.

Fc/Lux & MAX/MIN Function

- ① Fc/Lux: Press the "  " button to select Fc units or Lux button.
- ② MAX/MIN: Press and hold "  " button for at least 3 seconds until "MAX" icon appears on the LCD to view the current MAX reading, press the button again, "MIN" icon will appear to view the current MIN reading. To exit the MAX/MIN mode, press and hold the "  " button for 3 seconds
- ③ Open battery cover and install a 9-volt battery in the battery compartment.
- ④ When the low battery icon "  " appears, replace the meter's battery.
- ⑤  Auto power off icon, the meter will automatically turn off after approx. 15 minutes of inactivity.
- ⑥ Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.

9. Accessories

- ◆ User's manual
- ◆ 9V battery

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