

Soonkoda S8608

Soonkoda Digital Illuminance Light Meter Tester S8608 User Manual

Model: S8608 | Brand: Soonkoda

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your Soonkoda Digital Illuminance Light Meter Tester, Model S8608. This device is designed for accurate measurement of visible brightness (illumination) across a wide range, making it suitable for various applications including schools, hospitals, factories, airports, homes, and for assessing lighting conditions for grow plants or film photography.

Please read this manual thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

- 1x Soonkoda Digital Illuminance Light Meter Tester (Model S8608)
- 3x AAA Batteries
- 1x Instruction Manual (English and Chinese versions)



Image: The Soonkoda S8608 Digital Illuminance Light Meter and included AAA batteries.

3. PRODUCT OVERVIEW

3.1 Components and Controls

ふつうこうどほう値参照



FcとLuxの換算関係: 1 Fc=10.76 Lux

30~150Lux	倉庫/廊下/階段
200~750Lux	会議室/応接室
300~750Lux	生産ライン/教室
500~1000Lux	書く、読む、宿題
750~1500Lux	文書ワーク/展示ウィンドウ/包装台/手術室
1000~2000Lux	タイプ起草室
100~200Lux	公共の場所/洗濯室/倉庫
500~1500Lux	実験室/図書館/自習室
1500~3000Lux	保守点検/精密作業/展示

Image: Front view of the Soonkoda S8608 Digital Illuminance Light Meter with key components labeled.

- **Illumination Sensor:** Detects light intensity. Protected by a removable cover.
- **LCD Display:** Shows measurement readings, units, and other indicators. Features a backlight for low-light conditions.
- **MODE Button:** Used to switch between illumination units (LUX/FC).
- **Backlight Button:** Activates or deactivates the display backlight.
- **Power Button:** Turns the device on or off.
- **RANGE Button:** Used to access MAX/MIN measurement modes.
- **HOLD Button:** Freezes the current measurement on the display.

3.2 Key Features

- **Wide Measurement Range:** Capable of measuring up to 200,000 LUX (18,500 FC).
- **Unit Conversion:** Easily switch between LUX and Foot-Candle (FC) units. (1 FC = 10.76 LUX)
- **Data Hold Function:** Freeze the current reading for convenient recording.
- **MAX/MIN Measurement:** Display the maximum or minimum recorded illumination value.
- **Backlight Function:** Improves readability in dimly lit environments.
- **Auto Power Off:** Automatically shuts down after 5 minutes of inactivity to conserve battery life.
- **Low-Battery Indicator:** Alerts the user when batteries need replacement.

Six core strengths

Multiple functions are convenient to operate



High precision
measurement



Data retention



Extra-large range



Automatic
shutdown



Low battery
warning



Max/min

Image: Visual representation of the light meter's core features.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Insert 3 AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image: Battery compartment of the S8608, illustrating battery placement.

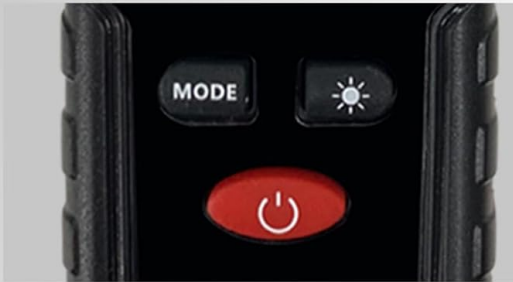
5. OPERATING INSTRUCTIONS

1. **Power On/Off:** Press the red Power button to turn the device on. Press and hold the Power button to turn it off. The device will automatically power off after 5 minutes of inactivity.
2. **Remove Sensor Protection Cover:** Before taking any measurements, slide the black 'OPEN' cover away from the illumination sensor to expose the white light-sensitive dome.
3. **Unit Switching (LUX/FC):** Press the **MODE** button to toggle between LUX and Foot-Candle (FC) measurement units. The selected unit will be displayed on the LCD.
4. **Backlight Function:** Press the **Backlight** button (light bulb icon) to turn the LCD backlight on or off. This is useful for reading measurements in low-light conditions.
5. **Data Hold:** Press the **HOLD** button to freeze the current reading on the display. Press it again to release the hold and resume live measurements.
6. **MAX/MIN Measurement:** Press the **RANGE** button to cycle through MAX (maximum value) and MIN (minimum value) display modes. This allows you to capture the highest or lowest light intensity during a measurement period.

7. **Taking Measurements:** Point the exposed illumination sensor towards the light source or area you wish to measure. Ensure no obstructions block the sensor. The reading will be displayed on the LCD.

デジタル照度計
詳細な説明

超大範囲/照度ユニットスイッチ

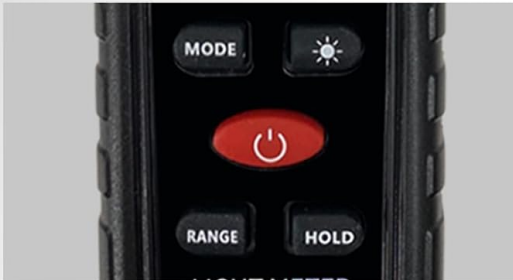


バックライトLCD画面

バックライト付きの大HD画面、
視覚明晰、盲点なし

**インストールが容易
せつけい**

3#7バッテリー、動作しない
自動オフ



の2つのモードそくてい

LUX/FC、フリーハンドオーバー
便利で迅速

Image: Detailed view of the meter's display and controls for various functions.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents. Keep the illumination sensor clean and free from dust or debris to ensure accurate readings.
- **Storage:** When not in use, store the device in a cool, dry place. Ensure the sensor protection cover is in place to prevent damage to the sensor. Remove batteries if the device will not be used for an extended period to prevent leakage.
- **Battery Replacement:** When the low-battery indicator appears on the display, replace all 3 AAA batteries promptly to maintain optimal performance.

7. TROUBLESHOOTING

- **No Display/Device Not Turning On:**
 - Check if batteries are installed correctly with the right polarity.
 - Replace with new AAA batteries if current ones are depleted.
- **Inaccurate Readings:**
 - Ensure the sensor protection cover is removed during measurement.
 - Clean the illumination sensor dome with a soft cloth to remove any dust or smudges.
 - Verify that the device is held steadily and the sensor is pointed directly at the light source or measurement area.
- **Low Battery Indicator:**
 - The battery symbol in the upper right corner of the display indicates low battery. Replace batteries immediately.

8. SPECIFICATIONS

Feature	Detail
Model	S8608
Measurement Range	Up to 200,000 LUX (18,500 FC)
Units	LUX, FC (1 FC = 10.76 LUX)
Power Source	3 AAA batteries (included)
Dimensions	16.8 x 5.8 x 4.1 cm
Weight	130 g
Manufacturer	Soonkoda

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Soonkoda website. Keep your purchase receipt as proof of purchase for any warranty claims.

