



Specification

Measurable objects	Illuminance and temperature, illuminance difference, maximum and minimum illuminance and temperature, integrating illuminance and integrating time, and average integrating illuminance
Photoelectric element	Silicon diode
Thermal probe	NTC thermistor
Illuminance measuring range	Total measuring range: 0~200,000 Lux, into four ranges ×1: 0~199.9 Lux ×10: 200~1999.9 Lux ×100: 2000~19999.9 Lux ×1000: 20000~200000 Lux
Temperature measuring range	18 hours (continuous operation)
Operating temperature and humidity	0~40°C
Illuminance accuracy	±3%rdg (below 10000 Lux); ±4%rdg (above 10000 Lux)
Temperature accuracy	±1.0 °C
Units of illuminance and temperature	Four combinations of units are available. Lux/°C Lux/°F FC/°C FC/°F
Illumination data storage	Automatic: Up to 1900 groups of data can be stored. LuxLAB is used to set the storage cycle and whether to start or stop storage. Manual: Up to 60 groups of data can be stored. Whether to store is determined manually.
LCD display update frequency	Twice per second
Operating temperature/humidity	0~40°C, 10~90%RH
Storage temperature/humidity	-20~50°C, 10~90%RH
Power supply	Two AAA batteries
Battery life	10 hours (continuous operation with a USB connection)
Auto shutdown	You can set an auto shutdown timer through LuxLAB.

Function

1. Powerful measurement functions: It can measure not only current values, maximums, and minimums of illuminance and temperature, but also illuminance difference, integrating illuminance, and average integrating illuminance.
2. Support for automatic storage of illuminance data (up to 1900 groups) and manual storage of illuminance data (up to 60 groups)
3. Wide measuring range (0 to 200,000 lux) and support of automatic range shift
4. Delivered with computer-based analysis software, allowing users to operate the meter with ease
5. Quick response, high portability, and operable by a single hand
6. The sensor can be rotated
7. Backlight

Parts description

1. Battery capacity
2. Max/Auto store
3. Min/Manual store
4. Data hold
5. Scheduled shutdown
6. Difference
7. Illuminance range
8. Unit of illuminance: Lux
9. Unit of illuminance: candela
10. Integrating illuminance unit
11. Average
12. Integrating
13. Read of illuminance
14. Memory
15. Deletion
16. Query
17. Unit of temperature
18. Unit of time/Data query range
19. USB connection
20. Read of temperature

