

## Digital Lux Meter LX-90+

### Features

- Precise and easy readout.
- High accuracy in measuring.
- LSI-circuit use provides high reliability and durability.
- Permits a wide range of light measurements.
- LOW BATTERY indicator.
- LCD display provides low power consumption and clearly read out evening high ambient light.
- Adjusting zero automatically and excellent operation.
- Separate LIGHT SENSOR allows user take measurements at an optimum position.



### General Specifications

Display : 3 ½ digits LCD display, maximum reading value display 1999

Ranges : 1-100,000Lux. (3 Ranges)  
 2,000Lux range : reading × 1  
 20,000Lux range : reading × 10  
 100,000Lux range : reading × 100

Range	Resolution	Accuracy (23±5°C)
0 ~ 1,999Lux	1Lux	±(4%rdg + 2d)
2,000 ~ 19,999Lux	10Lux	±(4%rdg + 2d)
20,000 ~ 100,000Lux	100Lux	±(5% + 2d)

NOTE : Accuracy tested by a standard parralle light tungsten lamp of 2854°K temperature

Repeatability : ±2%

Temperature Characteristic : ±0.1d / °C

Test rate : 2 times / sec.

Photo detector : one silicon photo diode with filter.

Operation temperature-humidity : 0°C to 40°C (32°F - 104°F) 0 ~ 70%Rh

Storage temperature-humidity : -10°C to 50°C (14°F - 140°F) 0 ~ 80%Rh

Over-input : indication of "1" (2,000Lux/20,000Lux)  
 indication of "OVER" (100,000Lux)

Weight : 170g

Power supply : one 9V battery, Consumption current approx. 2mA

Dimension : 106×57×26mm (photo detector); 130×72×30mm (meter body); 150cm (photo detector lead)

Accessories : Instruction-manual, battery, carrying case

