

# sanwa®

## TOKYO JAPAN

### LUX METER

# LX2



## APPLICATIONS AND FEATURES

This instrument is a pocket-sized illuminance meter featuring excellent portability and operability. This is used in wide range of purposes for brightness checking in daily life and illumination maintenance in the offices and the factories as well as illumination management in agriculture and forestry.

- Small stick shape sensor probe(sensor diameter is  $\Phi 9\text{mm}$ )
- 3999 count with analog bar graph
- Silicon photodiode
- Measuring range 0.1lx~399.99klx
- Data hold
- Auto power save(30min.)
- Cord length 900mm

A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

## SPECIFICATIONS

Measuring range	400.0 / 4000 / 40.00k / 400.0klx
Accuracy	$\pm(5\%+1)$ below 3000lx $\pm(7.5\%+1)$ 3000lx or higher Compatible JIS standard A class
Optical sensor	Si photodiode with approximated relative luminous efficiency( $\Phi 9\text{mm}$ )
Display	Numeric : 3999 full scale, Bargraph : 42 segment
Over display	The character 4 appears in the highest digit
Temperature Characteristics	$\pm 5\%$ (at 23°C within operating temperature/humidity range)
Relative spectral sensitivity	Approximation of spectral luminous efficiency of the standard photometric observer
Grazing-incidence light characteristics	Cosine curve approximation
Battery low warning	The character BT appears in the display when the built-in battery is nearly exhausted and battery supply voltage drops
Sampling rate	Approx. 2 times/sec. for numeral display Approx. 20 times/sec. for bar graph.
Operating temperature / humidity	0°C~40°C, 80%RH(Max) No condensation
Storage temperature / humidity	-10°C~50°C, 80%RH(Max) No condensation
Environmental condition	Altitude 2000m or below, pollution degree II
Power consumption	Approx. 10mW
Battery	LR44 x 2
Size / Mass	Main body : H117 x W76 x D18mm/approx. 120g Sensor probe : H 84 x W16 x D10mm
Standard accessories included	Instruction manual

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