

Product name : Digital light & Lux Meter LX1330B

Mode : LX1330B

Applications

It is particularly important for photography taking where brightness or the intensity of light plays a very essential factor, it determines the proper exposure for a photograph. Light meters are also used in the fields of cinematography and scenic design, in order to determine the optimum light level for a scene and in the general field of lighting, where they can help to reduce the amount of waste light used in the home, light pollution outdoors, and plant growing to ensure proper light levels. It can be used to measure luminance in any environments such as illumination control, weather observation and even in multiple work places like factories, offices, shops, schools, restaurants, beauty salons, electro-optical sources, research teaching, metallurgy building, industry inspection, agriculture research. It is valuable to provide the correct light intensity for each environment. Otherwise, energy not only could be wasted but over-illumination can lead to adverse health effects and can decrease worker efficiency.



Key Features

- * Rubber case that can protect the device from extreme damage
- * With CE marking that indicate conformity with the essential health and safety requirements set out by the European Directives
- * Light-measuring levers ranging from 0.1 to 200,000LUX or 0.01 to 20,000FC repeatedly
- * Fully equipped with Data-Hold function and Peak-Hold function
- * Units and signs display are arranged logically and clearly for ease and comfort of reading results
- * Easy switch between Lux measuring units and FC measuring units
- * Meter corrected for Luminous Efficiency function
- * Correction factor need to be manually calculated for non-standard light sources
- * Short rise and fall times
- * Large LCD provides big digits, permits a wide range of light measurements of up to 200,000lux
- * Highly accurate with precise and easy readout even in high ambient light and rapid response
- * Separate Light sensor
- * Equipped with LSI-Circuit to provide high reliability and durability

- * Low in power consumption which gives you long lasting power with long life silicon photo diode inside
- * Its powered by a 9v battery which is included with no extra cost
- * It includes a protective carrying case with contoured foam inside to absorb the shock impact and helps keep the device in place

Specifications

- * Measuring Range:
 - 0.1 - 200 LUX
 - 2,000 LUX
 - 20,000 LUX
 - 200,000 LUX
 - 0.01~20,000FC
- * Accuracy:
 - 0.1 ~ 20,000 LUX: $\pm 3\% \text{rdg} + 10$ digits
 - 20,001~ 200,000 LUX: $\pm 5\% \text{rdg} + 10$ digits
- * Resolution: 0.1Lux
- * Sampling time: 0.5 second
- * Case color: Dark gray
- * Dimension: 160 x 79 x 43mm (meter body)
- * Photo Detector Dimensions: 4 X 2.5 X 1 (inch)
- * Photo detector type: Silicon Photo Diode with Filter
- * Unit Lux or Footcandle selectable
- * Repeatability: +/- 2%
- * Temperature Characteristic: +/- 0.1%C
- * Operating temperature: 32-104 degrees F (0-40 degrees C)
- * 3 1/2 Digit 18MM LCD
- * Auto Zero
- * Peak hold
- * Over-range indication
- * Low power consumption
- * Power: 9V (6F22) x 1
- * Display in Lux and FC switchable

Accessories

- * Manual x 1pc
- * 9v 6F22 Battery x 1pc
- * Rubber case x 1pc
- * Protective Carrying Case x 1pc
- * Protective Sensor Cover x 1pc