

Product name : Digital light & Lux Meter LX1010B/LX1010BS

Mode : LX1010B/LX1010BS

Applications

This light meter is indeed very useful to applications like in the fields of cinematography, in scenic design, in determining optimum light level for a scene, in the general field of lighting, in reducing the amount of waste light used in the home, in ensuring proper light levels for plant growth. And even in measuring luminance in any environments such as illumination control, weather observation and work places like factories, offices, shops, schools, restaurants, beauty salons, electro-optical sources, research teaching, metallurgy building, industry inspection, and agriculture research.



Key Features

- * With CE marking that indicate conformity with the essential health and safety requirements set out by the European Directives
- * With separate Light Sensor allows user take measurements at an optimum position and convenient testing
- * Equipped with reliable Auto-Range and Auto Zero-Adjustment
- * Large LCD provides big digits, permits a wide range of light measurements of up to 100,000 lux
- * Provides Data-Hold, keeps the measured values that can be of use later
- * 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
- * Highly accurate with precise and easy readout even in high ambient light
- * With built-in Low battery indication, you'll know when to replace the battery long before its empty
- * It's powered by a 9v battery which is included with no extra cost
- * It includes a nylon carrying bag and helps keep the device in place

Specifications

- * Range Coverage is from 1~100,000 LUX (3 ranges)

1 - 2,000 LUX

2,001 - 20,000 LUX (Readingx10)

20,001 - 100,000 LUX (Readingx100)

- * Accuracy:

1 ~ 10,000 Lux: $\pm 4.0\% \pm 0.5\text{F.S}$

10,000~100,000 Lux: $\pm 5.0\%$ + 10 digits(Calibrated to standard incandescent lamp at color temperature 2856K)

* Temperature Characteristic : $\pm 0.1\%$ / $^{\circ}\text{C}$

* Repeatability : $\pm 2\%$

* Resolution:1 Lux

* Sampling time : 0.5sec.

* 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-122°F) 0-80% Rh

* Over-input :

Indication of " 1" (2,000 Lux/20,000 Lux),

Indication of "OVER" (100,000 Lux)

* Dimension:

106 x 57 x 26mm (photo detector),

130x72x30mm (meter body),

150cm (photo detector lead);

* Power: 9V (6F22) x1

* Case color: Black+dark red(LX1010B)

* Black+yellow(LX1010BS)

Accessories

* Manualx1pc

* 9V,6F22 Battery x 1pc

* Protective carrying case x1 pc

* Protective Sensor Cover to keep the sensitive light sensor away from any unwanted incidents while not in use x1pc