

LIGHT METER *4 light type*

Model : LX-1108

ISO-9001, CE, IEC1010



FEATURES

- * 5 ranges :
40.00/400.0/4,000/40,000/400,000 Lux.
- * Resolution :
0.01 Lux to 100 Lux.
0.01 Ft-cd to 10 Ft-cd.
- * Selection of lighting type (Tungsten, Fluorescent, Sodium or Mercury).
- * Sensor used the exclusive photo diode & color correction filter, spectrum meet C.I.E. photopic.
- * Sensor cosine correction factor meet standard.
- * Separate Light Sensor allows user to measure the light at an optimum position.
- * Lux & Foot-candle unit selection.
- * Large LCD display with bar graph.
- * Water resistance front panel
- * Zero adjusting button.
- * Data hold and Peak hold.
- * Memory function with Recall. Auto
- * Auto power off or manual power off.
- * RS-232 computer data output.

Lutron

LUTRON ELECTRONIC

The Art of Measurement

4 light type selection

LIGHT METER

Model : LX-1108

| FEATURES | |
|---|--|
| * 5 ranges : 40.00/400.0/4,000/40,000/400,000 Lux, wide measuring range. | * Large LCD display with bargraph and indicator. |
| * High resolution : 0.01 Lux to 100 Lux, 0.01 Fc to 10 Fc | * Water resistance front panel |
| * Selection of lighting type (Tungsten, Fluorescent, Sodium or Mercury). | * Use the rubber key for the function select. |
| * Sensor used the exclusive photo diode & color correction filter, spectrum meet C.I.E. photopic. | * LSI circuit provides high reliability and durability. |
| * Sensor cosine correction factor meet standard. | * Zero adjusting button. |
| * Separate Light Sensor allows user to measure the light at an optimum position. | * Data hold to freeze the desired reading. |
| * Lux & Foot-candle unit selection. | * Peak hold measurement. |
| | * Memory function to display the max. & min. display value with Recall. |
| | * Auto power auto off or manual power off. |
| | * Compact size and excellent operation. |
| | * Built-in low battery indicator. |
| | * RS-232 computer serial data output. |

| GENERAL SPECIFICATIONS | | | |
|---------------------------------|--|-----------------------|---|
| Display | Large LCD display. LCD size 52 x 38 mm, 4 digits. with bargraph indicator. | Data Output | RS-232 serial data output. |
| Measurement & ranges | 5 ranges : 40.00/400.0 Lux. 4,000/40,000/400,000 Lux. | Operating Temperature | 0 to 50 °C (32 to 122 °F). |
| Unit | Lux, Foot-candle (Ft-cd). | Operating Humidity | Max. 80% RH. |
| Lighting Type Selection | Tungsten, Fluorescent, Sodium, Mercury lamp. | Power Supply | DC 9V battery. 006P, MN1604 (PP3) or equivalent. |
| Sensor | The exclusive photo diode & color correction filter, spectrum meet C.I.E. Cosine correction factor meet standard. | Power Consumption | Approx. DC 8 mA. |
| Zero Adj. | External adjustment by pushing button. (40.00 Lux range only) | Weight | 220 g/0.48 LB. |
| Peak Hold | To hold the peak display. | Dimension | <i>Main instrument :</i> 200 x 68 x 30 mm (7.9 x 2.7 x 1.2 inch). <i>Sensor probe :</i> 82 x 55 x 7 mm (3.2 x 2.2 x 0.3 inch). |
| Data Hold | To freeze the display value. | Accessories Included | Instruction Manual... 1 PC. Light Sensor with protection cover..... 1 PC. |
| Memory | Save the max. & min. value with Recall. | Optional Accessories | RS232 cable, UPCB-02 USB cable, USB-01 |
| Power Off | Auto or manual power off. | | Application Software, SW-U801-WIN |
| Over and Under range Indication | Over range Indicator : " - - - - " Under range Indicator : " _ _ _ _ " | | Hard carryingt case, CA--06 Soft carryingt case, CA--05A |

| ELECTRICAL SPECIFICATIONS (23 ± 5 °C) | | | | |
|---|-------------|----------------------|------------|---|
| Measurement | Range | In-range Display | Resolution | Accuracy |
| Lux | 40.00 Lux | 0 - 40.00 Lux | 0.01 Lux | ± (3% rdg + 0.5 % F.S.) |
| | 400.0 Lux | 36.0 - 400.0 Lux | 0.1 Lux | |
| | 4,000 Lux | 360 - 4,000 Lux | 1 Lux | |
| | 40,000 Lux | 3,600 - 40,000 Lux | 10 Lux | |
| | 400,000 Lux | 10,000 - 400,000 Lux | 100 Lux | < 100,000 Lux : ± (3% rdg + 0.5 % F.S.) ≥ 100,000 Lux : @ for reference only |
| Foot-candle (Fc) | 4.000 Fc | 0 - 3.720 Fc | 0.001 Fc | ± (3% rdg + 0.5 % F.S.) |
| | 40.00 Fc | 3.35 - 37.20 Fc | 0.01 Fc | |
| | 400.0 Fc | 33.5 - 372.0 Fc | 0.1 Fc | |
| | 4,000 Fc | 335 - 3,720 Fc | 1 Fc | |
| | 40,000 Fc | 930 - 37,200 Fc | 10 Fc | < 9,300 Fc : ± (3% rdg + 0.5 % F.S.) ≥ 9,300 Fc @ for reference only |

Note : Accuracy tested by a standard parallel light tungsten lamp of 2856 K degree temperature.

* Appearance and specifications listed in this brochure are subject to change without notice.

CAT-0403-LX1108