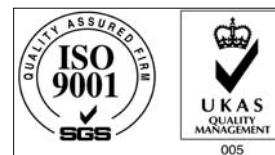


Lighting type selection, Tungsten, Fluorescent, Sodium or Mercury

LIGHT METER

Model : LX-107

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

LIGHT METER

Model : LX-107

| FEATURES | |
|--|--|
| * Selection of lighting type (Tungsten, Fluorescent, Sodium or Mercury). | * Records Maximum, Minimum and Average readings with recall. |
| * Microprocessor circuit assures maximum possible accuracy, provides special functions and features. | * Data hold. |
| | * Auto shut off saves battery life. |
| | * Operates from 006P DC 9V battery. |
| * Super large LCD display, easy readout. | * Spectrum of photo sensor meets C.I.E.. |
| * Dual function meter's display. | * Wide measurement both of Lux & Foot Candle measurement. |
| * Zero adjustment by push button. | |
| * Heavy duty & compact housing case. | |

| GENERAL SPECIFICATIONS | | | |
|-------------------------|--|-------------------------|---|
| Circuit | Custom one-chip of micro-processor LSI circuit. | Power off | Auto shut off saves battery life, or manual off by push button. |
| Display | * 13 mm(0.5") super large LCD display with contrast adjustment for best viewing angle. * Dual function meter's display. | Over input indication | Indication of "- - - -". |
| | | Operating Temp. | 0 °C to 50 °C (32 °F to 122 °F). |
| Measurement & ranges | Lux : 0 - 100,000 Lux, 3 ranges. Foot-candle(Fc) : 0 - 10,000 Fc, 3 ranges. | Operating Humidity | Less than 80% RH. |
| | | Power Supply | 006P DC 9V battery (Heavy Duty Type). |
| | | Power Current | Approx. DC 5.3 mA. |
| | | Weight | 335 g/0.77 LB |
| Lighting Type Selection | Tungsten, Fluorescent, Sodium, Mercury lamp. | Dimension | <i>Main instrument :</i> 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch). |
| Sensor | The exclusive photo diode & color correction filter, spectrum designed to meet C. I. E. | | <i>Sensor probe:</i> 85x55x12 mm(3.2x2.2x0.5 inch). |
| Memory Recall | Records Maximum, Minimum and Average readings with recall. | Accessories included | Instruction manual.....1 PC. Sensor probe.....1 PC. |
| Zero Adj. | By push button. | Carrying case, optional | Soft Carrying Case, CA-05A Hard Carrying Case, CA-06 |
| Sampling Time | Approx. 0.4 sec. | | |

| ELECTRICAL SPECIFICATIONS (23#5 °C) | | | | |
|-------------------------------------|-------------|---------------------|------------|--|
| Measurement | Range | In-range Display | Resolution | Accuracy |
| Lux | 2,000 Lux | 0 - 1,999 Lux | 1 Lux | #(5 % + 2 d) |
| | 20,000 Lux | 1,800 - 19,990 Lux | 10 Lux | #(5 % + 2 d) |
| | 100,000 Lux | 18,000 - 10,000 Lux | 100 Lux | 50,000 Lux : #(5 % + 2 d) > 50,000 Lux : for reference only, fno specify the accuracy. |
| Foot-candle (Fc) | 200 Fc | 0 - 186.0 Fc | 0.1 Fc | #(5 % + 2 d) |
| | 2,000 Fc | 167 - 1,860 Fc | 1 Fc | #(5 % + 2 d) |
| | 10,000 Fc | 1,670 - 10,000 Fc | 10 Fc | 4,650 Fc : #(5 % + 2 d) > 4,650 Fc for reference only, fno specify the accuracy. |

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

0603-LX107