

Lighting type selection, Tungsten, Fluorescent, Sodium or Mercury

LIGHT METER

Model : LX-107

ISO-9001, CE, IEC1010

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Lutron

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The Art of Measurement

LIGHT METER

Model : LX-107

FEATURE

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

GENERAL SPECIFICATION

Circuit	Custom one-chip of micro- processor LSI circuit.
Display	13 mm(0.5") super large LCD display with contrast adjustment for best viewing angle. Dual function meter's display.
Measurement & ranges	Lux :0 - 100,000 Lux, 3 ranges. Foot-candle(Fc) :0 -10,000 Fc, 3 ranges.
Lighting Type Selection	Tungsten, Fluorescent, Sodium, Mercury lamp.
Sensor	The exclusive photo diode & color correction filter, spectrum designed to meet C. I. E.
Memory Recall	Records Maximum, Minimum and Average readings with recall.
Zero Adj.	By push button.
Sampling Time	Approx. 0.4 sec.
Power off	Auto shut off saves battery life, or manual off by push button.
Over input indication	Indication of "- - - -".
Operating Temp.	0 °C to 50 °C (32 °F to 122 °F).
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
Dimension	Main instrument :180 x 72 x 32 mm (7.1 x 2.8 x1.3 inch). Sensor probe:85x55x12 mm(3.2x2.2x0.5 inch).
Accessories included	Instruction manual.....1 PC. Sensor probe.....1 PC.
Carrying case, optional	Soft Carrying Case, CA-05A Hard Carrying Case, CA-06

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,no 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,no specify the accuracy.

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

LX-107+0603

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