

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.
Lighting Type Selection	Tungsten, Fluorescent, Sodium, Mercury lamp.	Weight	335 g/0.77 LB
Sensor	The exclusive photo diode & color correction filter, spectrum designed to meet C. I. E.	Dimension	<i>Main instrument :</i> 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch).
			<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	<i>50,000 Lux :</i> #(5 % + 2 d) <i>> 50,000 Lux :</i> 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	<i>4,650 Fc :</i> #(5 % + 2 d) <i>> 4,650 Fc</i> for reference only, fno specify the accuracy.

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

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