

# Light Meter

## Part No. 01LX107HA

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### FEATURES

- 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.IE.
- Wide measurement both of Lux & Foot Candle measurement.



### GENERAL SPECIFICATIONS

<b>Circuit Display</b>	Custom one-chip of microprocessor LSI circuit. * 13 mm (0.5") super large LCD display with contrast adjustment for best viewing angle. * <i>Dual function meters display.</i>	<b>Sampling Time:</b>	Approx. 0.4 sec.
<b>Measurement Ranges:</b>	<i>Lux:</i> 0 - 100,000 Lux, 3 res. <i>Foot-candle(Fc):</i> 0-10,000Fc, 3 ranges	<b>Power off</b>	Auto shut off saves battery life, or manual off by push button.
<b>Lighting Type Selection:</b>	Tungsten, Fluorescent, Sodium, Mercury lamp.	<b>Over Input Indication:</b>	Indication of “- - - -”.
<b>Sensor:</b>	The exclusive photo diode & color correction filter, spectrum designed to meet C. I. E.	<b>Operating Temp.:</b>	0 °C to 50 °C (32 °F to 122 °F)
<b>Memory Recall</b>	Records Maximum, minimum and Average readings with recall.	<b>Operating Humidity:</b>	Less than 80% RH.
<b>Zero Adj.</b>	By push button.	<b>Power Supply:</b>	006P DC 9V battery (Heavy Duty Type).
		<b>Power Current:</b>	Approx. DC 5.3 mA.
		<b>Weight:</b>	335 gm / 0.77 LB
		<b>Dimension:</b>	<i>Main instrument:</i> 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch) <i>Sensor probe:</i> 85 x 55x 12mm (3.2 x 2.2 x 0.5 inch)
		<b>Accessories Included:</b>	Instruction manual 1 PC. Sensor probe 1 PC.

### ELECTRICAL SPECIFICATIONS (23 ± 5°C)

Measurement	Range	In-range Display	Resolution	Accuracy
Lux	2,000 Lux	0-1,999 Lux	1 Lux	± (5% + 2d)
	20,000 Lux	1,800 - 19,990 Lux	10 Lux	± (5% + 2d)
	100,000 Lux	18,000 - 10,000 Lux	100 Lux	50,000 Lux: ± (5% + 2d) > 50,000 Lux: <i>for reference only, no specify the accuracy.</i>
Foot-candle (Fc)	200 Fc	0 - 186.0 Fc	0.1 Fc	± (5% + 2d)
	2,000 Fc	167 - 1,860 Fc	1 Fc	± (5% + 2d)
	10,000 Fc	1,670 - 10,000 Fc	10 Fc	4,650 Fc : ± (5% + 2d) >4,650 FC <i>for reference only, no specify the accuracy.</i>