

*3 ranges, auto range*

# LIGHT METER

Model : LX-101AS

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

*The Art of Measurement*

# LIGHT METER

Model : LX-101AS

## FEATURES

* 2,000/20,000/50,000 Lux , Autorange.
* Light sensor used the exclusive photo diode & color correction filter, spectrum meet C.I.E. photopic.
* Light sensor cosine correction factor meet standard.
* Separate Light Sensor allows user to measure the light at an optimum position.
* Zero key function.
* Sepaare light probe, easy operation
* Microprocessor circuit.
* DC 9V battery ( 006 P ).
* Microcomputer circuit provides high accuracy.
* Built-in low battery indicator.

## GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 44 mm x 29 mm dual function LCD display.
Range	0 to 50,000 LUX 3 ranges, auto ranges
Unit	LUX
Sensor Structure	Sensor : The exclusive photo diode & color correction filter, spectrum meet C.I.E. Cosine correction factor meet standard.
Zero Adjustment	External adjustment by pushing button.
Over Indication	Show " - - - - ".
Data Hold	Freeze the display reading.
Sampling Time of display	Approx. 1 second.
Power off	Manual off by push button.
Operating Temperature	0 to 50 °C.
Operating Humidity	Less than 80% R.H.
Power Supply	006P DC 9V battery ( Alkaline or Heavy duty type ). * Battery is optional and not included.
Power Current	Approx. DC 5 mA
Weight	278 g/0.61 LB. * Include light probe and battery.

Dimension	Meter	135 x 60 x 33 mm. ( 5.3 x 2.4 x 1.3 inch ).
	Light probe	82 x 55 x 7 mm ( 3.2 x 2.2 x 0.3 inch ).
Accessories Included	Instruction manual.....1 PC Light probe.....1 PC	
Optional Accessories	* Carrying case, CA-52A.	

## ELECTRICAL SPECIFICATIONS (23± 5 °C)

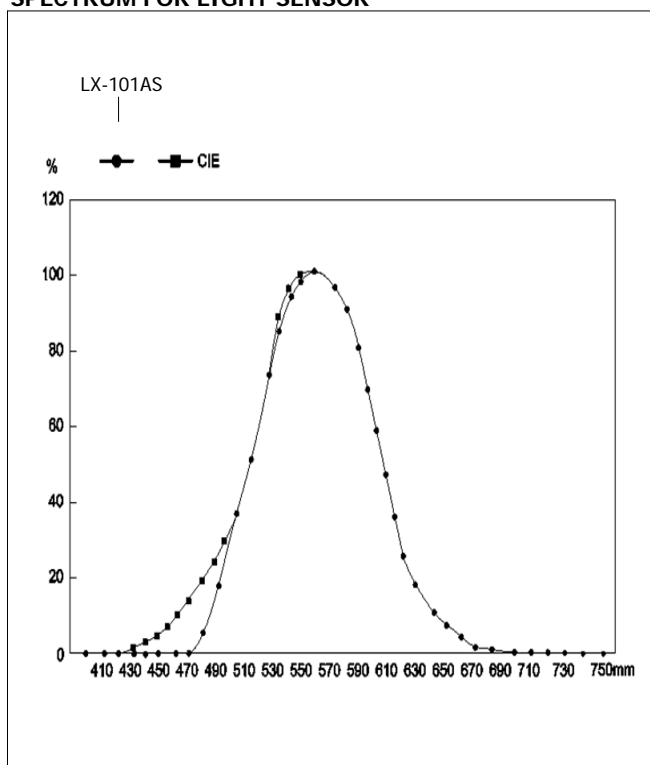
Range	In-range Display	Resolution
2,000 LUX	0-1,999 LUX	1 LUX
20,000 LUX	2,000-19,990 LUX	10 LUX
50,000 LUX	20,000-50,000 LUX	100 LUX

@ auto range

Range	In-range Display	Accuracy
2,000 LUX	0-1,999 LUX	± ( 5 % + 4 LUX )
20,000 LUX	2,000-19,990 LUX	± ( 5 % + 40 LUX )
50,000 LUX	20,000-50,000 LUX	± ( 5 % + 400 LUX )

@ auto range

## SPECTRUM FOR LIGHT SENSOR



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

1604-LX101AS