

LED LIGHT METER

Model : LX-114S

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

LED LIGHT METER

Model : LX-114S

FEATURES

* 2,000/20,000/50,000 Lux , Autorange.
* Measure White, Red, Yellow, Green, Blue, and Purple LED and Standard Lighting in Lux or Foot-Candle units.
* 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.
* Hold key function.
* Zero key function.
* Sepeare light probe, easy operation
* DC 9V battery (006 P).
* Microcomputer circuit provides high accuracy.
* Build-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.	
LED Light	Range : 3 ranges Auto range . 0 to 50,000 LUX , 0 to 5,000 Feet-candle (Ft-cd)	
	Unit	UniLUX, Feet-candle (Ft-cd).
	Sensor	The exclusive photo diode & color correction filter spectrum meet C. I.E. Cosine correction factor meet standard.
	Measure-ment	White, Red, Yellow, Green, Blue, Purple LED and Standard Lighting in Lux units.
	Zero Adjustment	External adjustment by pushing button.
Light Source Selection	L0 to L9 Light Source selection.	
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).	
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.	

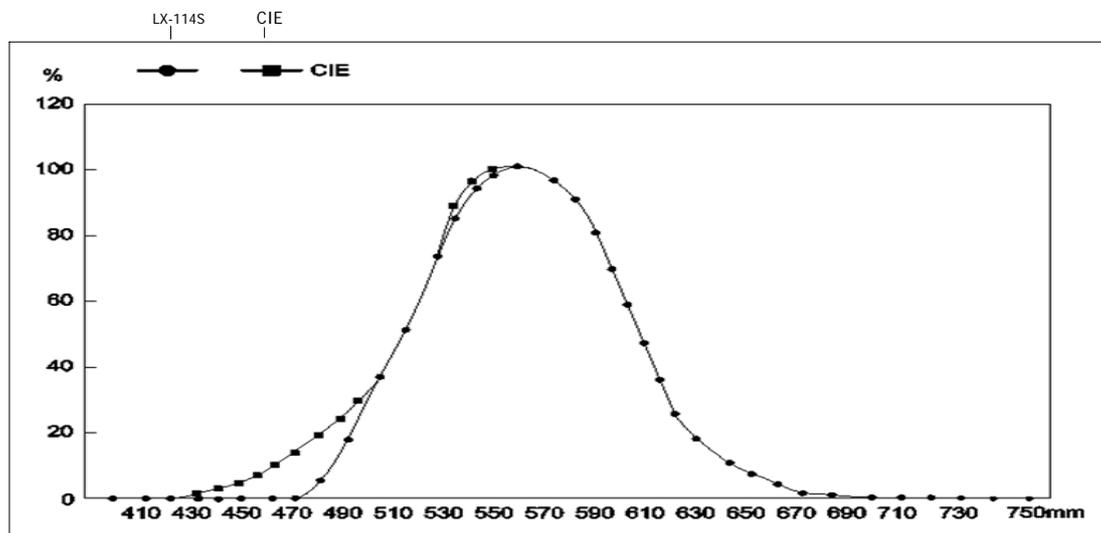
ELECTRICAL SPECIFICATIONS (23± 5 °C)

LUX @ auto range			
Range	In-range Display	Resolution	Accuracy
2,000 LUX	0 - 1,999 LUX	1 LUX	± (5 % + 4 LUX)
20,000 LUX	2,000 - 19,990 LUX	10 LUX	± (5 % + 40 LUX)
50,000 LUX	20,000 - 50,000 LUX	100 LUX	± (5 % + 400 LUX)

Feet-candle (Ft-cd) @ auto range			
Range	In-range Display	Resolution	Accuracy
200 FC	0-199.9 Ft-cd	0.1 FC	± (5 % + 0.4 FC)
2,000 FC	200-1,999 Ft-cd	1 FC	± (5 % + 4 FC)
5,000 FC	2,000-5,000 Ft-cd	10 FC	± (5 % + 40 FC)

@ FC = Ft-cd

2-3 SPECTRUM FOR LIGHT SENSOR



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