

LIGHT METER

Model : LX-100, LX-100F

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

LIGHT METER

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FEATURES

* Economical cost	* High accuracy in measuring.
* Sensor used the exclusive photo diode & color correction filter, spectrum meet C.I.E. photopic.	* LSI circuit provides high reliability and durability.
* Sensor cosine correction factor meet standard.	* LCD display allows clear readout-out even at high ambient light level.
* Separate LIGHT SENSOR allows user to measure the light at an optimum position.	* Pocket size , easy to carry out & operation.
	* Compact, light weight and excellent operation.
	* Built-in low battery indicator.

GENERAL SPECIFICATIONS

Display	13 mm (0.5") LCD, 3 1/2 digits. Maximum indication 1999.	Operating Humidity	Max. 80% RH.
Measurement & ranges	<i>LX-100 (Lux model) :</i> 0 - 20,000 Lux, 2 ranges.	Power Supply	DC 9V battery. 006P, MN1604 (PP3) or equivalent.
	<i>LX-100F (Foot-candle model) :</i> 0 - 2,000 Fc, 2 ranges.	Power Consumption	Approx. DC 2.7 mA.
Sensor	The exclusive photo diode & color correction filter, spectrum meet C.I.E. Cosine correction factor meet standard.	Weight	195 g/0.43 LB (including battery)
		Dimension	<i>Main instrument :</i> 131 x 70 x 25 mm. (5.2 x 2.8 x 1.0 inch). <i>Sensor probe :</i> 82 x 55 x 7 mm (3.2 x 2.2 x 0.3 inch).
Over Input Indication			
Operating Temperature	0 to 50 °C (32 to 122 °F).	Accessories	Instruction Manual..... 1 PC. Sensor probe..... 1 PC.

ELECTRICAL SPECIFICATIONS (23± 5 °C)

Model	Measurement	Range	Resolution	Accuracy
LX-100	Lux	0 - 1,999 Lux	1 Lux	± (5 % + 2 d)
		2,000 - 19,990 Lux	10 Lux	± (5 % + 2 d)
LX-100F	Foot-candle (Fc)	0 - 199.9 Fc	0.1 Fc	± (5 % + 2 d)
		200 - 1,999 Fc	1 Fc	± (5 % + 2 d)

OTHER LUTRON LIGHT METERS

Model	Descriptions
LX-101	3 ranges : 2000 Lux, 20,000 Lux, 50,000 Lux. Pocket size.
LX-102	3 ranges : 2000 Lux, 20,000 Lux, 50,000 Lux. Pocket size. 200 Ft-candle, 2,000 Ft-candle, 5,000 Ft-candle. Data hold, Analog output.
LX-103	3 ranges : 2000 Lux, 20,000 Lux, 50,000 Lux. Pocket size. 200 Ft-candle, 2,000 Ft-candle, 5,000 Ft-candle.
LX-105 (w/ RS-232)	3 ranges : 2000 Lux, 20,000 Lux, 50,000 Lux. Pocket size. 200 Ft-candle, 2,000 Ft-candle, 5,000 Ft-candle. Light type select, Memory (Maximum, Minimum), % value. RS-232 PC interface.
LX-107	3 ranges : 2000 Lux, 100,000 Lux, 50,000 Lux. Pocket size. 200 Ft-candle, 2,000 Ft-candle, 10,000 Ft-candle. Light type select, Memory (Maximum, Minimum), % value.

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

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