

# LIGHT METER *analog output*

Model : LX-102

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

*The Art of Measurement*

# DIGITAL LIGHT METER

Model : LX-102

## FEATURES

* Sensor used the exclusive photo diode & color correction filter, spectrum meet C. I. E. photopic.	* Built-in low battery indicator.
* Sensor COS correction factor meet standard.	* LSI-circuit use provides high reliability and durability.
* Separate LIGHT SENSOR allows user take measurements of an optimum position.	* LCD display provides low power consumption.
* Precise and easy readout, wide range.	* Compact, light-weight, and excellent operation.
* High accuracy in measuring	* LCD display can clearly read out even of high ambient light.

## GENERAL SPECIFICATIONS

Display	13 mm ( 0.5" ) LCD.	Power	Approx. DC 2 mA.
Measurement	Lux, Ft-candle, Data hold, Analog output.	Consumption	
		Output	Analog output.
Ranges	Lux : 0 to 50,000 Lux, 3 ranges.	Operating Temp.	0 to 50°C ( 32 to 12°F ).
	Ft-candle : 0 to 5,000 Ft-candle, 3 ranges.	Operating Humidity	Less than 80% R.H.
Zero adjustment	Internal adjustment .	Dimension	Main Instrument : 163x70x30 mm(6.4x2.8x1.2 inch )
Over-input	Indication of " 1 ".		Sensor probe: 82x55x7 mm ( 3.2x2.2x0.3 inch ).
Sampling time	Approx. 0.4 second.	Weight	220g ( 0.52 LB ) with batteries.
Sensor structure	The exclusive photo diode & color correction filter.	Accessories	Instruction manual..... 1 PC.
Power Supply	DC 9V battery. 006P, MN1604 ( PP3 ) or equivalent.	Included	

## ELECTRICAL SPECIFICATIONS (23 ± 5°C)

Range	Resolution	Accuracy	Range	Resolution	Accuracy
2,000 Lux	1 Lux	± ( 5 % + 2 d )	200 Ft-candle	0.1 Ft-candle	± ( 5 % + 2 d )
20,000 Lux	10 Lux	± ( 5 % + 2 d )	2000 Ft-candle	1 Ft-candle	± ( 5 % + 2 d )
50,000 Lux	100 Lux	± ( 5 % + 2 d )	5000 Ft-candle	10 Ft-candle	± ( 5 % + 2 d )

## ANALOG OUTPUT

0.1 mV/1 digit, Max. 200.0 mV.

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

0603-LX102