

hybrid power, Patent

GREEN POWER LIGHT METER

Model : LX-104G

ISO-9001, CE, IEC1010



No battery,
Generator power



LUTRON ELECTRONIC

The Art of Measurement

GREEN POWER LIGHT METER

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FEATURES

* Hybrid power, power supply from green power (handy generator) or battery. If power source come from " Green power ", battery is no need. Wind-up the generator 20 seconds will offer several minutes energy typically.
* Professional Light meter.
* Light meter use exclusive photo diode and color correction filter light sensor, spectrum meets C.I.E. photopic.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* Lux/Feet-candle selection by pressing button on the front panel.
* Zero button design makes light meter calibration.
* Hold function to freeze the current reading value.
* Microprocessor circuit assures high accuracy and reliable performance.
* Large LCD, dual function display.
* Auto power shut off to battery life or manual power off.
* Using the durable, long-lasting components and a strong lightweight ABS-plastic housing case.

Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
Operating Humidity	Max. 80% RH.
Sampling Time	Approx. 1 second.
Power Supply	Green power : * <i>Hybrid power</i> Power from the handy generator, battery is no need. Battery power : DC 9V battery, 006P, MN1604 (PP3) or equivalent. * <i>Alkaline or heavy duty type.</i>
Power Consumption	Battery power : Approx. DC 10 mA.
Weight	432 g/0.95 LB (w/o battery).
Dimension	<i>Meter :</i> 170 x 70 x 39 mm (6.7 x 2.8 x 1.1.5 inch). <i>Anemometer probe head :</i> Round, 72 mm Dia.
Standard	Instruction manual..... 1 PC
Accessories	Hard carrying case..... 1 PC

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	40 mm x 32 mm LCD (Liquid crystal display).
Measurement	Light (Lux, Ft-cd).
Data Hold	Freeze the display reading.
Memory Recall	Maximum and Minimum reading values can be saved and retrieved by record function.
Power off	Auto shut off saves battery life or manual off by push button.
Overload indication	"- - -" symbol on the display.

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)

Measurement		Range	Resolution
Light	Lux	0 to 2,200 Lux	1 Lux
		1,800 to 20,000 Lux	10 Lux
* <i>auto range</i>	Ft-cd	0 to 204.0 Fc	0.1 Ft-cd
		170 to 1,860 Fc	1 Ft-cd

Measurement	Range	Accuracy
Light	0 to 20,000 Lux	± 5% rdg ± 8 dgt
	0 to 1,860 Ft-cd	
<i>Remark : Ft-cd : feet candle</i>		

PATENT	CHINA : ZL200620012764.3 JAPAN : 3130269	GERMANY : Nr.202006007329.9 U.S.A. : PENDING	TAIWAN : M299401
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* Appearance and specifications listed in this brochure are subject to change without notice.

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