

# UV LIGHT METER

Model : SP-82UV

ISO-9001, CE, IEC1010



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# UV LIGHT METER

Model : SP-82UV

## FEATURES

* UV light measurement, calibration is executed under the UVA light & and compare with the standard UVA light meter.
* UV sensor structure The exclusive UV photo sensor with the cosine correction filter.
* UV sensor spectrum Band pass 250 nm to 390 nm.
* Tiny bone shape with light weight and small size case design are suitable for handling with one hand.
* Wristlet design provides extra protection to the instrument especially for user one hand operation.
* Built- in microprocessor circuit assures excellent performance and accuracy.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* Hold function to freeze the current reading value.

## GENERAL SPECIFICATIONS

Display	8 mm LCD display
Measurement	UV Light
Operating Humidity	Max. 80% RH.
Operating Temperature	0 to 50 °C ( 32 to 122 °F )
Over Input Display	Indication of "- - - - "
Power Supply	CR 2032 DC 3V battery
Power Consumption	Approx. DC 5 mA
Weight	160g (battery included)
Dimension	HWD 120 x 45 x 20 mm (4.7 x 1.8 x 1.2 inch).
Standard Accessory	Instruction Manual

## ELECTRICAL SPECIFICATION ( 23 ± 5°C )

<b>UV Light</b> * auto range      * UVA light measurement		
Range	Resolution	Accuracy
0 to 1999 $\mu\text{W}/\text{cm}^2$	1 $\mu\text{W}/\text{cm}^2$	$\pm ( 4 \% \text{ FS} + 2 \text{ dgt} )$
2 to 20.00 $\text{mW}/\text{cm}^2$	0.01 $\text{mW}/\text{cm}^2$	FS : full scale
<b>Remark</b>		
* Calibration is executed under the UVA light & and compare with the standard UVA light meter.		
* UV Sensor structure : The exclusive UV photo sensor with the cosine correction filter.		
* UV sensor spectrum Band pass 250 nm to 390 nm.		

## UV Light sensor spectrum

