

UV LIGHT METER

Model : SP-82UV

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

UV LIGHT METER

Model : SP-82UV

FEATURES

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| * 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

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|-----------------------|--|
| 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)

| UV Light * 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 mW/cm^2 | 0.01 mW/cm^2 | FS : full scale |
| Remark | | |
| * 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

