



Solarmeter® SuperLux LED

High-Accuracy LED Light Meter

0.0-19990 fc / 0.0-199900 lx



The Solarmeter® SuperLux LED Light Meter combines versatile functionality and ultra-accurate performance into one compact package. The large 2" (5 cm) backlit LCD displays 0-19,990 fc or 0-199,990 lux range with a resolution of 0.01 fc or 0.1 lx, respectively. Easy to use and extremely reliable, the Solarmeter® SuperLux LED Light Meter is designed to provide many years of reliable operation over a wide variety of applications.

Features

- User Adjustable Parameters for Special Light Sources
- Measures UV Light for Environment Monitoring and Process Control Applications
- Detachable & Rotatable Light Sensor
- Large 2" (5 cm) Backlit LCD Display
- Auto Power-Off Function
- Max/Min Function

Detachable & Rotatable Light Sensor



Light sensor should remain covered when meter is not in use.



To prepare light meter for use, remove the protective cap.



The light sensor is detachable and rotatable for maximum versatility.

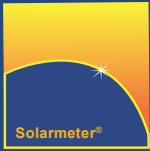


Alternate view of the sensor being rotated.

SPECIFICATIONS

Measuring Range	0.0 - 199.9/1999/19990/199900 lx <i>Automatic / Manual Selection of Range</i>
Resolution	0.01 fc; 0.1 lx
Accuracy	± 3% Rdg, ±5 Dgts <i>(Standard A Light Source)</i>
Angle Deviation From Cosine Characteristic	10° ± 1% 30° ± 2% 60° ± 5% 80° ± 20%
Temperature Characteristics	± 0.1% / °C <i>(Away from 25°C)</i>
Response Time	0.5 Sec
Light Detector	SI Photodiode
Operation Temperature	32°F to 104°F <i>(0°C to 40°C)</i>
Operation Humidity	0-80% RH
Over Range	"-OL-" Display
Battery Type	(2) 1.5V Type AA Battery
Battery Life	~80 Hours
Dimensions	6.7" X 2.5" X 1.5" <i>(169mm X 63mm X 37mm)</i>
Weight	Approx. 7.41 oz. <i>(210g)</i>
Accessories	User's Manual, Battery and Carrying Case
Preset Light Source Weighting	L0: Standard Incandescent Light Source L1: LED White Daylight L2: LED Amber (Yellow) Light L3: LED Green Light L4: LED Red Light L5: LED Blue Light L6: Warm White Fluorescent Lamp L7: Cold White Fluorescent Lamp L8: User Setup Mode





Solarmeter® Radiometers

Precision Handheld Meter Models

Since 1991, Solarmeter® has designed and manufactured the most durable, highest quality meters in the photonics light measurement industry. Our comprehensive line of radiometers is well suited for a wide variety of both professional and hobbyist applications, including monitoring UV lamp intensity and aging, medical research, and reptile husbandry. The models shown below all include a calibration certificate, rugged carrying case, instructional brochure, and batteries required for operation. Please visit solarmeter.com for more specifications, pictures, and prominent scientific publications which rely on our meters.

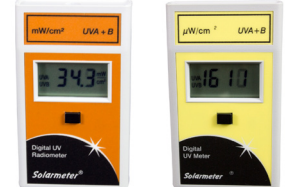
UVA

Model 4.0 Standard UVA Meter
Model 4.2 Sensitive UVA Meter



UVA+B

Model 5.0 Standard Total UV (A+B) Meter
Model 5.7 Sensitive Total UV (A+B) Meter



UVB

Model 6.0 Standard UVB Meter
Model 6.2 Sensitive UVB Meter



Vitamin D3

Model 6.4 Vitamin D3 Meter IU/Min



UV Index

Model 6.5 UV Index Meter



Erythemally Weighted

Model 7.0 UV Erythemally Effective Meter
Model 7.5 UV Erythemally Effective Meter



UVC

Model 8.0 UVC Meter with Remote Probe



Blue Light

Model 9.2 Bilirubin Meter
Model 9.4 Visible Blue Light Meter



Red Light

Model 9.6 Visible Red Light Meter



Visible & Infrared

Model 10.0 Global Solar Power Meter



Reptile Husbandry

Model 6.2R Reptile UVB Lamp Meter
Model 6.5R Reptile UV Index Meter



Light Meter

Model SuperLux Light Meter



Total UV Meter

Model AccUView UV Meter

