Advanced Light Meter

Fast, stable and accurate response

Monitor light levels anywhere with fast, stable and accurate response. Results are easily read on the extra large LCD (1½" high, 38.1 mm) with bar graph, low battery and over range indications. The color and cosine corrected sensor meets C.I.E. photopic spectrum. Will read LED light. Also features RS232 computer output, min/max, auto power off, external zero adjustment, hold function and a tripod back. Offers peak function and a unique and very useful ability to compensate for the different colors of tungsten, florescent, mercury and sodium lights, with the push of a button. The result is readings true to actual lighting conditions. Comes ready to use with a 9V battery, instructions, soft padded case with shoulder strap, and a detachable sensor with cover for easier replacement or repair. N.I.S.T. traceable certificate of calibration available.

DIM: 7¾" × 2¾" × 1¼" (197 × 70 × 32 mm). WEIGHT: 10 oz (283 g).

No.	Description
840022	**Advanced Light Meter**
840022C	**Advanced Light Meter Certified**
840057	RS232 Computer Cable
850080	Software
840094	RS232 to USB Adaptor Cable
840090	Water Resistant Instrument Pouch
840093	Field Tripod

	Range	In-Range Display	Resolution	Accuracy
Lux	40.00	0 to 40.00	0.01	±(3% rdg + 0.5% F.S.)
	400.0	36.6 to 400.00	0.1	
	4,000	360 to 4,000	1	
	40,000	3,600 to 40,000	10	
	400,000	10,000 to 400,000	100	<100,000 ±(3% rdg + 0.5% F.S.) >100,000 for reference only
Foot Candle	4.000	0 to 3.720	0.001	±(3% rdg + 0.5% F.S.)
	40.00	3.35 to 37.20	0.01	
	400.0	33.5 to 372.0	0.1	
	4,000	335 to 3,720	1	
	40,000	930 to 37,200	10	<9,300 ±(3% rdg + 0.5% F.S.) >9,300 for reference only
Accuracy tested by a standard parallel light, tungsten lamp of 2856°K				