

PRODUCT DATA SHEET

Light ProbeMeter™

Lower and higher ranges with resolution to 0.01Fc or LUX

Features:

- Super Large 3-1/2 Digit (1999 count) multi-function backlit LCD
- Remote light sensor on 46" (1.5m) cable conveniently mounts on top of meter for safe storage
- Light sensor cover preserves sensor life
- Wide range for measurements as high as 20,000 Foot candles or Lux
- 0.01 Foot candle/Lux resolution for accurate low light level measurements
- Built-in Color and Cosine correction for precise measurements
- Built-in CIE Spectrum Curve simulates "human eye" response for optimum light analysis
- 3% basic accuracy
- Peak hold and data hold
- Millivolt analog output for recording measurements
- Low battery, measurement unit, over range, data hold, and peak hold LCD indicators
- Pocket size meter complete with carrying case and batteries.

Applications:

- Workplace, clean-room, and computer room light testing
- Compliance with safety regulatory bodies (OSHA)
- Schools, libraries, parking lots, light testing
- Building and ATM area security light monitoring
- Ambient testing for light-sensitive archives such as in museums and art galleries
- Video, photographic, and architectural uses



Specifications	Range	Resolution	Accuracy
Foot candles (Fc) / Lux :	20, 200, 2000, 20,000	0.01 Fc / 0.01 Lux	± (3%rdg + 10 digits)
Spectral Response:	CIE Photopic curve		
Sample rate:	2.5 readings per second		
Temperature Coefficient:	0.1 x stated accuracy / °C (<18°C or > 28°C); 0.056 x stated accuracy / °F (<64.4°F or > 82.4°F)		
Peak hold response time :	>50ms		
Cosine correction:	< 2%; 150° acceptance angle		
Power source:	Four 1.5V AAA batteries; 200 hour typical battery life		
Dimensions:	7 x 1.7 x 1.6" (170 x 44 x 40mm)		
Weight:	7.76 oz. (220g)		

Ordering Information

403125.....Light ProbeMeter™
403125-NIST .Light ProbeMeter™ with NIST Certificate
403999.....Analog Output Cable

EXTECH
INSTRUMENTS

ISO 9001 Certified

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