

# EXTECH INSTRUMENTS Product DATASHEET

## Light Meter Datalogger with PC Interface

Measure Light Intensity from 0.01 to 20,000 Fc & Lux, Capture up to 16,000 readings

### Features:

- Large 2000 count multi-function LCD
- Selectable units of Foot Candles or Lux
- Four measurement ranges with up to 0.01Fc/Lux resolution
- Calculates Luminous Intensity (candela) via interface software
- Basic Accuracy of  $\pm 3\%$  reading
- Remote, high accuracy silicon photo-diode light sensor with protective cover
- Maximum reading and Data Hold plus low battery indication
- Capture and transfer up to 16,000 readings with selectable sampling rate
- RS-232 PC interface for remote meter operation and datalogging
- Complete with Windows<sup>®</sup> 95/98/NT/2000/ME/XP software, RS-232 cable, 9V battery, and carrying case

### Applications:

- Workplace, clean-room, and industrial light testing for OSHA compliance.
- School and library light testing.
- Law enforcement agencies, building security, and ATM areas.
- Ambient testing for light-sensitive displays and archives in areas such as museums and art galleries.
- Video, photographic, and architectural uses.



Software included

CE

Specifications	Range (Lux/Fc)	Resolution	Accuracy
Light Intensity:	0 to 20	0.01	$\pm(3\% \text{ reading} + 5 \text{ digits})$
	0 to 200	0.1	
	0 to 2,000	1	
	0 to 20,000	10	
Operating Temperature:	32 to 104°F (0 to 40°C)		
Operating Humidity:	Less than 80%		
Power source:	9V battery (included); 50 hour battery life		
Applicable Standards:	JIS C1609-1993; CNS 5119-1998; Standard illuminant 'A'		
Dimensions:	5.7 x 2.8 x 1.2" (145 x 72 x 31mm)		
Weight:	7.5 oz. (235g)		

### Ordering Information:

**401036** .....Datalogging Light Meter with PC Interface  
**401036-NIST** ..Datalogging Light Meter w/ PC Interface w/NIST Certificate