

BIG DIGIT LIGHT PROBEMETER

Lower and higher ranges with resolution to 0.01Fc or LUX



The Big Digit Light Probemeter possesses a wide range for measurements as high as 20,000 Ft Candles or Lux. It is able to detect 0.01 Ft Candle/Lux resolution for accurate low light level measurements. This unit features a remote light sensor on 46" (1.5 m) cable, built-in color and cosine correction for precise measurements, and the built-in CIE Spectrum Curve simulates "human eye" response for optimum light analysis.

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

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:	1.5V AAA batteries (4 total); 200 hour typical battery life		
Dimensions:	7" L x 1" W.7 x 1.6" D (170 mm x 44 mm x 40 mm)		
Weight:	7.76 oz. (220 g)		

PART NUMBER

M007-002
M007-006

DESCRIPTION

BIG DIGIT LIGHT PROBEMETER
BIG DIGIT LIGHT PROBEMETER WITH NIST

24-HOUR PRODUCT SERVICES

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