

ENVIRONMENTAL TESTERS

LIGHTMETER

MODEL 1110

Features optical sensors that are designed to match the response of the human eye

SPECIFICATIONS

MODEL	1110	
Measurement Range	(0.01 to 200,000) lx	(0.01 to 18,580) fc
Accuracy	± 3 % of R on incandescent sources ± 6 % of R on LEDs (3,000 to 6,000) K ± 9 % of R on fluorescent sources	
Accuracy with Compensation	LED mode: ± 4 % of R (at 4,000 K) Flou mode: ± 4 % of R (type F11, 4,000 K)	
Display Resolution	0.1 lx (0.1 to 999.9) lx 1 lx (1,000 to 9,999) lx 10 lx (10,000 lx to 99.99 klx) 100 lx beyond	0.01 fc (0.01 to 99.99) fc 0.1 fc (100.0 to 999.9) fc 1 fc (1,000 to 9,999) fc 10 fc beyond
Recording	Manual start/stop on the product Short press for MEM: spot recording Long press for REC at the defined default rate Programed recording: start date, recording interval, and end date defined using DataView® software	
Other Functions	MIN-AVG-MAX-HOLD	
Sampling Rate	Programmable from 1, 2, 5, 10, 20, or 30 s, 2, 5, 10, 15 or 30 min, and 1 hr	
MAP mode	The MAP mode can be used to map the lighting on the surface of a room. In this case the measurements are saved in the same file.	
Operating Temperature	(14 to 140) °F (-10 to 60) °C	
Storage Temperature	(-4 to 140) °F (-20 to 60) °C	
Relative Humidity	Up to 90 % RH	
GENERAL		
Memory	1,000,000 measurements on each channel (4 MB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.	
Communication	USB 2.0 and Bluetooth	
Power Supply	(3) 1.5 V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)	
Battery Life	500 h, 3 yrs with 15 min intervals	
Dimensions	Case: (5.9 x 2.84 x 1.28) in (150 x 72 x 33) mm Sensor: (2.64 x 2.52 x 1.38) in (67 x 64 x 35) mm	
Weight (with battery)	12.2 oz (34 g) with batteries	
Case	Polycarbonate	
SAFETY		
EMC	EN 61326-1	
Safety Rating	IEC 61010-1	
Ingress Protection	IP50 with USB connector closed and protective cap on sensor	
Warranty	2 y	

Consult factory for NIST Calibration prices

CATALOG NO.	DESCRIPTION
2121.71	Lightmeter Data Logger Model 1110



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Technical Assistance (800) 343-1391

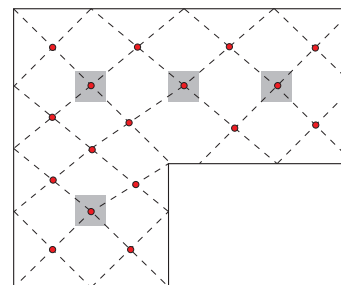
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FEATURES

- User selectable light source, natural, LED or fluorescent
- Spectral error compensation for LED and fluorescent lighting
- Removable light sensor with expandable cable up to 48 inches
- Map mode profiles the illuminance map of the area or room by storing multiple measurements
- Min, Max, and Average measurements stored
- Free app for Android™ from the Google® Play Store
- Spot or continuous recording of up to 1,000,000 measurements stored in 8 MB flash memory
- Blue luminescent backlit display
- User selectable foot-candle (fc) or lux (lx) units
- USB and Bluetooth communication
- Magnetic mount
- Battery or USB powered
- DataView® graphing and analysis software included



Measure and record multiple measurements to create an illuminance map of the room or area of interest

ACCESSORIES/REPLACEMENTS

- Catalog #2118.65**
Soft Carrying Case
- Catalog #2138.66**
6 ft USB cable
- Catalog #2118.09**
General Purpose Carrying Case
- Catalog #2122.31**
Shockproof Housing
- Catalog #2153.78**
Adapter - US Wall Plug to USB
- Catalog #5000.44**
MultiFix Universal Mounting System

PRODUCT INCLUDES

Soft carrying pouch, 6 ft USB cable, (3) 1.5 V AA batteries, a printed quick start guide, USB drive with DataView® software and user manual.