Lightmeter Data Logger Model 1110

Cat. #2121.71
Range of 0.01 to 18,580 fc (0.1 to 200,000 lx), Resolution 0.01 (lux or fc)
Designed to match the response of the human eye. Provides selectable lux or footcandle units for display. Features a blue luminescent backlit display, MIN/MAX/AVG and HOLD functions. Ideal for workspace analysis and planning.

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Channel	One with LCD display and Backlight	
Input	Detachable silicon (Si) sensor Class C Lightmeter per NF C 42-710	
Accuracy	±3% of R on incandescent sources (default mode) ±6% of R on LEDs (3000K to 6000K) ±9% of R on florescent sources	
Accuracy with compensation	LED mode: ±4% of R (at 4000K) Flou mode: ±4% of R (type F11, 4000K)	
Resolution	0.1lux from 0.1 to 999.9lx 1lx from 1000 to 9.999lx 10lx from 10.00klux to 99.99klx 100lx beyond	0.01fc from 0.01 to 99.99fc 0.1fc from 100.0 to 999.9fc 1fc from 1.000 to 9.999fc 10fc beyond
Recording	Manual start/stop on the product Short press for MEM: spot recording/long press for REC at the define 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 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr	
MAP mode	The MAP mode can be used to map the lighting on a surface of a room. In this case the measurements are saved in the same file	
Memory	1,000,000 measurements on each channel (4MB). 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 Source	3x1.5V AA(LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)	
Battery Life	500 hrs., 3 years with 15 minute intervals	
Dimensions: Case Sensor	5.9 x 2.84 x 1.28" (150 x 72 x 32mm) 2.64 x 2.52 x 1.38" (67 x 64 x 35mm)	

For more details, download the datasheet or user manual at www.aemc.com

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Weight (with battery)	12.2oz (345g) with batteries
Case	Polycarbonate
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%
Ingress Protection (IP)	IP50 with USB connector closed and protective cap on the sensor
EMC	EN 61326-1
Safety Compliance	IEC 61010-1
Warranty	2 years