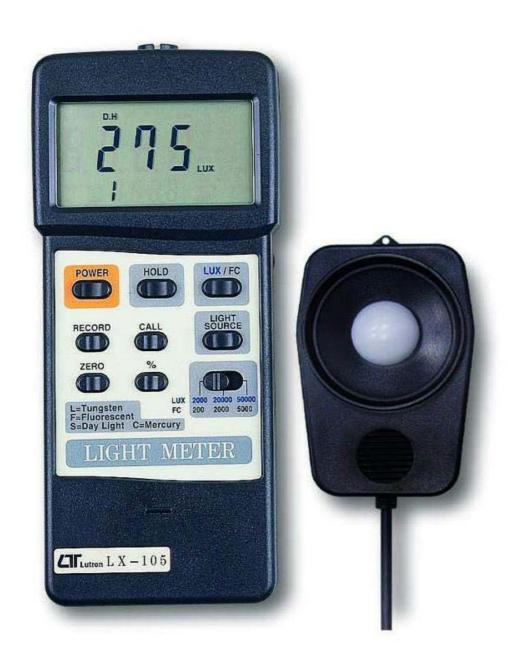
LIGHT METER 4 Light type

Model: LX-105

ISO-9001, CE, IEC1010





The Art of Measurement

LIGHT METER

Model : LX-105

FEATURES					
* Selection of lighting type (Tungsten,	* Super large LCD display with contrast				
Fluorescent, Daylight or Mercury).	adjustment for best viewing angle.				
* Sensor used the exclusive photo diode & color	* Dual function meter's display.				
correction filter, spectrum meet C.I.E.	* Heavy duty & compact housing case.				
photopic.	* Records Maximum, Minimum and Average				
* Sensor cosine correction factor meet standard.	readings with RECALL.				
* Microprocessor circuit assures maximum	* Relative % light measurement.				
possible accuracy, provides special functions	* Zero adjustment by push button.				
and features.	* Data hold.				
* Wide measurement both of Lux & Foot Candle	* Auto shut off saves battery life.				
measurement.	* RS 232 PC serial interface.				

GENERAL SPECIFICATIONS						
Circuit	Custom one-chip of micro-	Power off	Auto shut off saves battery life,			
	processor LSI circuit.		or manual off by push button.			
Display	* 13 mm(0.5") Super large LCD	Data Output	RS 232 PC serial interface.			
	display with contrast adjustment	Over input	Indication of "".			
	for best viewing angle.	indication				
	* Dual function meter's display.	Operating Temp.	0 to 50 °C (32 o 122 °F).			
	Lux :	Operating	Less than 80% RH.			
	0 - 50,000 Lux, 3 ranges.	Humidity				
Measurement	Foot-candle(Fc):	Power Supply	006P DC 9V battery			
& ranges	0 -5,000 Fc, 3 ranges.		(Heavy Duty Type).			
	Relativity:	Power Current	Approx. DC 5.3 mA.			
	0 - max. 100 % to 1999 %.	Weight	335 g/0.77 LB			
	(depend measuring range &	Dimension	Main instrument:			
	measuring value)		180 x 72 x 32 mm			
Lighting Type	Daylight or Tungsten,		(7.1 x 2.8 x1.3 inch).			
Selection	Fluorescent, Mercury lamp.		Sensor probe:			
	The exclusive photo diode &		85x55x12 mm(3.2x2.2x0.5 inch)			
Sensor	color correction filter, spectrum	Accessories	Instruction manual1 PC.			
	designed to meet C. I. E.	included	Sensor probe1 PC.			
	Sensor cosine correction factor		Sensor cover1 PC.			
	meet standard.	Optional	* Hard carrying case, CA-06			
Memory Recall	Records Maximum, Minimum	Accessories	* Soft carrying case, CA-05A			
	and Average readings with		* RS232 cable, UPCB-01			
	RECALL.	_	* USB cable, USB-01			
Zero Adj.	By push button.		* Data Acquisition software,			
Sampling Time	Approx. 0.4 sec.		SW-U801-WIN			

ELECTRICAL SPECIFICATIONS (23 \pm 5 $^{\circ}$ C)						
Measurement	Range	In-range Display	Resolution	Accuracy		
	2,000 Lux	0 - 1,999 Lux	1 Lux	± (4 % + 2 d)		
Lux	20,000 Lux	1,800 - 19,990 Lux	10 Lux	± (4 % + 2 d)		
	50,000 Lux	18,000 - 50,000 Lux	100 Lux	± (4 % + 2 d)		
	200 Fc	0 - 186.0 Fc	0.1 Fc	± (4 % + 2 d)		
Foot-candle	2,000 Fc	167 - 1,860 Fc	1 Fc	± (4 % + 2 d)		
(Fc)	5,000 Fc	1,670 - 5,000 Fc	10 Fc	± (4 % + 2 d)		

^{*} Appearance and specifications listed in this brochure are subject to change without notice.