

LUX METER WITH REMOTE LIGHT SENSOR



LED light sensor measurement 98209

The sensor is used to detect ambient light or bidirectional communications. Cost reduction of using the LED component.

The meter may measure white light LED which is the most wide application and other visible light.

The deviation from the comparative standard for luminosity is determined by JIS standard C 16609-1993 . Peak sensitivity wavelength: 550nm (Typ. Ta=23°C)

Attention: Always set for referring the testing of sources of light is located at the "Right top end" (0 degree) of the light sensor ball plane.

Model 98209M

May detect 6 LED light sources and whole visible light measuring
Corrected LED and NEON light sources

FEATURES :

- According to JISC 1609:1993 and CNS 5119 general A class specifications
- Spectral response close to CIE luminous spectral efficiency
- Model 98209 measure not only the light intensities but also LED light, features 99 points memory.
- Model 98202 features DC analog output
- Measure in Lux and Footcandles
- Silicon photodiode sensor and filter ensure accurate readings
- Measuring range to 200,000 Lux or 20,000 Lux
- Cosine angular corrected
- Data hold to freeze reading on the digital display
- Large LCD display 3-1/2 digits (98201,98202) remote light sensor for extending farther
- Large LCD display 3-3/4 digits (98209) with remote light sensor
- Auto power off for saving battery life. Powered by 9volt battery.

Supplied with :

- Meter x1 , Batteries x1 , manual x 1 , plain paper box x1 or optional pouch.

APPLICATIONS:

- Measure levels of light in schools, hospitals , workplaces , clean rooms and passageways. Monitor light sensitive displays in museums, art galleries archives . Commonly used in video filming and photography.

Specifications:	98201	98202	98209
Measure light in	LUX/FC	LUX/FC	LED light
Display	3-1/2 digit		3-3/4 digit
Memory	N/A	N/A	99 points
DC analog output	N/A	YES	According to JISC 1609;1993 and CNS 5119 general A class specification
Max/ Min hold	YES	N/A	
Maximum hold	N/A	YES	
Zero adjustment	YES	YES	
Measuring range	200, 2000, 20000, 200000 Lux 20,200,2000,20000 Foot-candle		40,400,40000,40000,400000 Lux 40,400,4000,40000FC
Accuracy	±3% (Calibrated to standard incandescent lamp 2856 K) ±6% (other visible light source)		Lamp 2856K light source measuring, 1 white light LED measuring
Angle deviation from cosine characteristics	30 ° ± 2% 60 ° ±6% 80 ° ±25%		Cosine angular corrected
Weight (battery incl)	Approx. 250 g		