

TM-215 Lux Light Meter

Functions:

Sensor: silicon photo diode and filter.

Measuring all visible light sources.

Cosine angular corrected.

Overload indication: OL.

Auto ranging.

Auto power off.

Max /Min hold.

Low battery indication.

AVG: 5-point method.

Real zero function.

Data hold.

Deviation Display.

Light Source Luminous Intensity (cd Key).

Light transmittance %.

Specifications:

Display:

3 3/4 digits LCD with maximum reading 4000

Datalogging capacity up to 7000 records.

Applicable system: Windows 7/8/10

Dimension: 172 x 56 x 38mm (LxWxH)

Weight: 250g (including battery)

Require

Impedance:

Standard	DIN 5032 Part7 Class C JIS C 1609-1:2006 Class A CNS 5119 JJG 245-2005 Class B
Measuring range	400.0/4000/40,00 ₀ /400,0 ₀₀ Lux 40.00/400.0/4,000/40,00 ₀ Foot-Candle
	0.1/1/10/100 Lux 0.01/0.1/1/10 Foot-Candle
Relative spectral responsivity (f_1)	$\pm 8\%$ of the CIE spectral luminous efficiency $V(\lambda)$
Cosine correction characteristics (f_2)	$\pm 6\%$
Angled incident light characteristics	10°: $\pm 1.5\%$ 30°: $\pm 3\%$ 60°: $\pm 10\%$ 80°: $\pm 30\%$
Accuracy	$\pm 3\%$ (Calibrated to standard incandescent lamp 2856°K and < 3000 Lux)

Linearity(f_3) (accuracy)	< 3000 Lux : $\pm 5\%$ of reading ± 1 digit 3000 Lux to 9999 Lux : $\pm 7.5\%$ of reading ± 1 digit > 10000Lux(930 fc) N/A
Response time	Auto range: 5 seconds or less ; Manual range: 2 seconds or less