

TES-137 Luminance Meter



FEATURES

- Dual Display, 4-digit LCD reading.
- Spectral Sensitivity close to CIE photopic Curve.
- Measuring Levels Ranging 0.01 to 1999k cd/m², 0.001 to 580.0k fL, Autoranging 7 step.
- Accurate and Instant response.
- Luminance ratio A/B, deviation %A, different B-A and peak luminance measurements.
- User calibration factor and color-correction functions.
- Accumulation luminance measurement.
- Max/Min/AVG function.
- Backlit function.
- Comparator function.
- Auto power off function.
- Data Hold function.
- Data memory and read function.
- Data logger function.
- USB Interface.



APPLICATIONS

Luminance measurement of LCDs, CRTs, LEDs, etc.
 Luminance measurement of street lighting, tunnel lighting, etc.
 Measurement of airport lighting facilities.
 Transmittance measurement for LCD polarizing plates and various filters.
 Measurement of medical lighting.
 Illuminance irregularities of automobile license plates.
 Luminance measurement of various lighting facilities, etc.



SPECIFICATION

Electrical Specifications:

Display	Dual display 4 digit LCD read out.
Measuring range	9.999, 99.99, 999.9, 9.999k, 99.99k, 999.9k, 1999k cd/m ² 9.999, 99.99, 999.9, 9.999k, 99.99k, 580.0k fL Auto ranging (7 step) 1 fL = 3.426 cd/m ²)
Measuring Angle	E2°
Overrange Display	OL is displayed
Resolution	0.01 cd/m ² , 0.001 fL
Accuracy	±3% rdg ±5dgt C brated to standard incandescent lamp, 2856°K, at 25 /77
CIE Photopic f'1	6%

Temperature Characteristics	±0.1%/
Measuring Rate	Approximately 5 time/sec
Photosensor	Silicon photodiodes
Data Memory Capacity	200 sets. (Direct reading from LCD display
Data Logger Capacity	microSD CARD 4GB
Operating / Storage Conditions	0 to 50 <80% RH -10 to 60 <70%RH
Power Source	6 pcs 1.5V AAA size Battery
Battery Life (typical	50 hours
Photosensor Lead Length	90 cm (approx.)
Photosensor Dimensions	40mm×158(Lmm
Dimension	150(L × 72(W × 35(Hmm
Weight	Meter: 235g, Photosensor: 210g
Accessories	Carrying case, Instruction manual, Battery, CD software, USB cable.