

# TES

Reliable in Quality

## TES-1330/1332/1334 Digital Light Meter

Indispensable for illuminance check

Touch button easy to operate



Range:		
Lux	Lux/Footcandle	Lux
0-20	0-20	0-200
0-200	0-200	0-2000
0-2000	0-2000	0-20000
0-20000	0-20000	0-200000

# TES-1330/1332/1334 Digital Light Meter

## Features:

- Measuring Levels Ranging 0.01 Lux to 200,000 Lux
- Accurate and Instant response
- Data Hold function
- Spectral Sensitivity close to CIE photopic Curve
- Cosine Angular corrected
- Analog output jack for recording (TES-1332/1334)
- CNS 5119 Class II
- Peak Hold function for 1334

## SPECIFICATIONS

1. Display: 3 1/2 digit LCD
2. Measuring Range: 20/200/2000/20000 Lux (1330, also Footcandle for 1334), 200/2000/20000/200000 Lux (1332)
3. Overrange Display: Highest digit of (1) is displayed.
4. Resolution: 0.01 Lux (1330,1334) & 0.1 Lux (1332)
5. Accuracy:  $\pm 3\%$  rdg  $\pm 0.5\%$  f.s. (Calibrated to standard incandescent lamp, 2856°K)
6. Repeatability:  $\pm 2\%$
7. Temperature Characteristics:  $\pm 0.1\%/^{\circ}\text{C}$
8. Measuring Rate: Approximately 2.5 time/sec.
9. Photosensor: Silicon photodiodes
10. Operating Temperature and Humidity:  $0^{\circ}\text{C}\sim 40^{\circ}\text{C}$  ( $32^{\circ}\text{F}\sim 104^{\circ}\text{F}$ ) 0~70% RH
11. Power Source: One 9 Volt battery, NEDA 1604, JIS 006p or IEC 6F22
12. Battery Life (typical): 200 hours (Alkaline Battery)
13. Photosensor Lead Length: 150 cm (approx.)
14. Photosensor Dimensions: 100(L) x 60(W) x 27(H) mm (3.94"(L) x 2.36"(W) x 1.06"(H))
15. Dimension: 135(L) x 72(W) x 33(H) mm (5.31"(L) x 2.83"(W) x 1.3"(H))
16. Weight: 250g (8.8 oz)
17. Accessories: Carrying case, Instruction manual

FUNCTION	RANGES (LUX)			ALLOWANCE	REMARKS
Lux Footcandle	1330	1332	1334	$\pm 3\%$ rdg $\pm 0.5\%$ f.s. (<10,000 Lux) $\pm 4\%$ rdg $\pm 10$ dgt (>10,000 Lux)	Color temperature 2856°K corrected by a standard bulb
			Lux/ Footcandle		
	0-20	0-200	0-20		
	0-200	0-2000	0-200		
	0-2000	0-20000	0-2000		
	0-20000	0-200000	0-20000		

- Conversion: 1 Footcandle = 3.43 Lux  
1 Lux = 0.292 Footcandle



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