

Illuminance Meters

Accurately measures next-generation lamps including PWM-controlled lighting

These simple-to-operate meters provide measurement functions that include illuminance (lux), illuminance difference (lux), illuminance ratio (%), integrated illuminance (lux-h), integration time (h), and average illuminance (lux). Meters feature a silicon photocell receptor that provides highly accurate measurements and include a USB port for easily downloading measurement data. Use the optional data management software to import your measurements into Excel® for report generation and analysis.

- Conform to Class AA of JIS C 1609-1
- Provides multipoint measurement capabilities— 2 to 30 points
- Model T-10MA features a mini-receptor for small hard-to-reach places



50547-08

SPECIFICATIONS	
Range (illuminance)	Fc: 0.001 to 29,990; Lux: 0.01 to 299,900
Range (integrated illuminance)	Lux: 0.01 to 999,900 x 10 ³ lux h .01 to 999,900 x 10 ³ fc h / 0.001 to 9999 h
Resolution	0.001 fc/lux
Accuracy	±2% ±1 digit of displayed value
Auto-range	Five manual ranges at the time of analog output
Cosine response (f ₂)	Within 3%
User calibration function	CCF (color correction factor) setting function: measurement value = 0.500 to 2.000
Digital output	USB
Analog output	1 mV / digit, 3 V at max reading; output impedance: 10 kΩ; 90%; response time: 28 ms
Display	4-digit LCD
Dimensions (W x H x D)	T-10A: 2¾" x 6¾" x 1¾" (69 x 174 x 35 mm) T-10MA: 2¾" x 6¾" x 1¼" (69 x 161.5 x 30 mm)
Power	Two AA batteries

What's included: One mini-cap, carrying strap, carrying case, and two AA batteries.

Catalog No.	Model No.	Description
TS-50547-07	T-10A	Illuminance meter with integral sensor
TS-50547-08	T-10MA	Illuminance meter with remote mini-receptor on 3 ft (1-m) cable
Accessories		
TS-50547-09	T-S10w	Data management software
TS-09386-01	—	Replacement batteries, AA, 4/pk
TS-17111-44	—	NIST-traceable calibration with data

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