



ME5585 TASI Digital Light Meter

200,000 Lux/FC

The TASI Digital Light Meter provides accurate measurement of illumination levels in lux (lx) and foot-candles (fc). Designed with a split-type configuration and detachable light sensor, it enables precise readings in varied environments. The instrument features a wide measurement range, fast response time, and high repeatability, making it suitable for laboratory, educational, and industrial applications.

- Measures in LUX and Foot-Candles (FC)
- High accuracy $\pm(4\% + 10 \text{ digits})$
- Calibrated at 2856°K
- Split-type sensor with flexible 1m cable
- Auto-ranging across four levels
- Fast sampling rate: 2 times per second
- Wide 120° incident angle
- MAX / MIN / HOLD functions
- Auto power-off (15 min)
- Large, 4-digit LCD display
- Compact and lightweight
- Powered by 2 x AAA batteries



Compliance & Standards

CE Certified

Calibrated under 2856°K standard incandescent lamp

Meets professional, industrial, and educational measure

Specifications

Measurement Method	Split type	Spectral Range	400 ~ 700 nm
Measurement Range	0.1 ~ 200000 LUX / 0.01 ~ 20000 FC	Auto Power Off	15 minutes (disable option available)
Measurement Levels	200 / 2000 / 20000 / 200000 LUX 20 / 200 / 2000 / 20000 FC	Working Environment	-10°C to +50°C, $\leq 80\%RH$, altitude <2000m
Accuracy	$\pm(4\% + 10 \text{ digits})$ (calibrated under standard incandescent lamp at 2856°K)	Storage Environment	-10°C to +50°C, $\leq 70\%RH$ (battery removed)
Resolution	LUX <200: 0.1 / LUX ≥ 200 : 1 / FC <20: 0.01 20 $\leq FC < 200$: 0.1 / FC ≥ 200 : 1	Sensor Cable Length	Approx. 1 metre
Display	4-digit LCD, max. 1999	Product Size	130 x 59 x 34 mm
Light Sensor	Digital light probe with optical filters	Display Screen Size	34 x 31 mm
Sampling Rate	2 times per second	Weight	Approx. 165 g (battery not included)
Incident Angle	120°	Power Supply	2 x 1.5V AAA (R03 / LR03)
Repeat Test Deviation	$\pm 2\%$		

