

The Tekneka 530 Light Meter is a professional-grade device designed to deliver precise light intensity measurements for a wide variety of applications. With an extensive measuring range of 0 to 400kLux, $\pm 3\%$ accuracy for standard light sources ($\pm 6\%$ for other visible light sources), and an impressive resolution of 0.01Lux, this device ensures reliable and consistent results. Whether you are a photographer, lighting designer, or energy auditor, the Tekneka 530 is the ideal device to optimize lighting conditions with ease and efficiency.

Features

- Wide Measuring Range: 0 to 400kLux for all lighting conditions
- High Accuracy: $\pm 3\%$ for standard sources, $\pm 6\%$ for other visible light sources
- 2.4" Dual LCD with Backlight: 4000 count display for clear, precise readings
- Timer Function: Monitor light changes over a set time
- Max, Min, Avg, and Data Hold: Record critical light level variations
- Lux/FC Selection: Switch between Lux and Foot-Candle units effortlessly
- Auto-Ranging: Automatically adjusts range for optimal accuracy
- Data Logging: Stores up to 99 readings for further analysis
- Energy Efficiency: Features Auto Power Off and Low Battery Indicator



Applications

The Tekneka 530 Light Meter is widely used in photography, videography, architectural lighting, and industrial environments to ensure optimal lighting conditions. It also plays a crucial role in healthcare and education for maintaining proper illumination, in horticulture for monitoring light levels to enhance plant growth, and in energy audits to improve lighting efficiency. Furthermore, it is valuable for scientific research requiring accurate light measurements.

Packing Includes

- Light Sensor
- 1 x 9V Battery
- User Manual
- Carrying Case

Ordering Info

530..... Light Meter

Description	Ranges
Measuring Ranges	40, 400, 4000, 40k, 400kLux (40, 400, 4000, 40kFC)
Accuracy	$\pm 3\%$ for standard sources, $\pm 6\%$ for other sources
Resolution	0.01Lux
Measuring Units	Lux/FC
Display	2.4" Dual LCD with Backlight
Sensor	Silicon photodiode and filter
Angle Deviation from Cosine Characteristics	30° ($\pm 2\%$)
	60° ($\pm 6\%$)
	80° ($\pm 25\%$)
Light Sensor Wire Length	Approximately 1.5m
Data Storage	Stores up to 99 readings
Battery Type	9V battery
Dimension	185 x 65 x 45mm
Weight	Approximately 250g