

NOVATRON

SCIENTIFIC

LUX METER



The Novatron Lux Meter is designed to give light level readings up to 50,000 lux. It has a sensor connected to the meter by one metre of coiled lead (when extended). This allows light measurements to be made away from the subject area, thereby minimising errors due to shadow, etc.

Technical Specifications:

Measuring:	0 - 1999 lux	– resolution 1 lux
	2000 - 19999 lux	– resolution 10 lux
	20000 - 50000 lux	– resolution 100 lux

Accuracy (typical at 23°C $\pm 5^\circ$): $\pm 10\%$ of reading + 2 digits
(accuracy tested by a standard parallel light tungsten lamp 2856K)

Battery life: 150-200 hours (continuous use based on 2mA consumption, 9V PP3)

Sampling time: 0.4 second

Operating temperature: 0 – 50°C

Operating humidity: 0 – 80% RH (no condensing)

Dimensions: 110mm (L) x 75mm (w) x 25mm (d)

Weight: 160g.

Correction Factors:

Mercury Lamp	x 1.05
Fluorescent Lamp	x 1.0
Incandescent Lamp	x 1.0
Daylight	x 1.0

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