

# Light Meter Pro RS-232



## Features:

- 0.01 Lux Resolution / 10,000 Count Reading
- Average / Integrating Illuminance measurement
- Luminous Intensity measurement
- Ripple Measurement for STRAY & LIGHT function
- Time-Hold measurement
- Stand-alone Datalogger (99 readings)
- Data Logger Capacity (40,000 readings)
- RS-232 interface

## Technical Date

Display	Dual display 4 digit LCD read out
Measuring Range	99.99, 999.9, 9999, 99990, 999900 Lux 9.292, 92.92, 929.2, 9292, 92927 fc Auto ranging (5 step) (1 fc = 10.76 Lux)
Overrange Display	OL is displayed
Resolution	0.01 Lux, 0.001 fc
Accuracy	$\pm 3\%$ rdg $\pm 5$ dgt (Calibrated to standard incandescent lamp, 2856° K )
CIE photopic f ' 1	$\leq 6\%$
Temperature Characteristics	$\pm 0.1\%/^{\circ}\text{C}$
Measuring Rate	Approximately 5 times/sec
Photosensor	Silicon photodiodes
Date Memory Capacity	99 sets. (Direct reading from LCD display)
Date Logger Capacity	40000 sets
Operating / Storage Conditions	0 °C ~ 50 °C <80% RH -10 °C ~ 60 °C <70%RH
Power Source	6 pcs AAA size Battery
Battery Life (typical)	100 hours
Photosensor Lead Length	150 cm (approx.)
Photosensor Dimensions	92 x 60 x 29 mm
Dimension	150 x 72 x 35 mm
Weight	320g
Accessories	Carrying case, Instruction manual, Battery, CD software, RS232 Cable.