

FEATURES :

- » *Dual Display, 4 digit LCD reading.*
- » *Spectral Sensitivity close to CIE photopic Curve.*
- » *Measuring Level Range: 0.01 to 999900 Lux, 0.001 to 92920 fc, Autoranging 5 steps and conversion to $\mu\text{mole}/\text{m}^2/\text{s}$ (PPFD: Photosynthetic Photon Flux Density).*
- » *Accurate and Instant response.*
- » *Integral illuminance measurement and conversion to $\mu\text{mole}/\text{m}^2/\text{d}$ (Daily light integral).*
- » *Luminous intensity measurement.*
- » *Data Hold function.*
- » *Data memory and read function.*
- » *Reference value stored for relative or percentage deviation measurement.*
- » *Ripple measurement for STRAY + LIGHT function.*
- » *Time-hold function.*
- » *Point - average function., Comparator function.*
- » *Spectral correction factor function. (include LED)*
- » *Auto power off function. » Backlight display function.*
- » *Auto datalogging & USB interface.*



SPECIFICATIONS :

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Display	Dual display 4 digit LCD reading.
Measuring Range	99.99, 999.9, 9999, 99990, 999900 Lux 9.292, 92.92, 929.2, 9292, 92920 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 ± 5 dgt (Calibrated to standard incandescent lamp, 2856K)
CIE photopic f '1	$\leq 6\%$
Temperature Characteristics	$\pm 0.1\%$ / $^{\circ}\text{C}$
Measuring Rate	Approximately 5 time/sec
Photosensor	Silicon photodiodes
Data Memory Capacity	99 sets. (Direct reading from LCD display)
Data Logger Capacity	40,000 sets.
Operating / Storage Conditions	0 $^{\circ}\text{C}$ ~ 40 $^{\circ}\text{C}$ <80% RH / -10 $^{\circ}\text{C}$ ~ 50 $^{\circ}\text{C}$ <70%RH
Power Source	6 pcs AAA size Battery
Battery Life (typical)	100 hours
Photosensor Lead Length	150 cm (approx.)
Photosensor Dimensions	92(L) \times 60(W) \times 29(H)mm
Dimension	150(L) \times 72(W) \times 35(H)mm
Weight	320g
Accessories	Carrying case, Instruction manual, Battery, CD software, RS232 to USB cable.