## LUX METER

## APPLICATIONS AND FEATURES

This instrument is a pocket-sized illuminance meter featuring excellent portability and operability. This is used in wide range of purposes for brightness checking in daily life, illumination maintenance, in offices and factories as well as illumination management in agriculture and forestry.
-Small stick shape sensor probe(sensor diameter is $\Phi 9 \mathrm{~mm}$ ) -4039 count with analog bar graph

- Silicon photodiode
$\bullet$ Measuring range 0.11x~403.9klx
-Data hold
- Auto power save(15min after last operation)
-Cord length 900mm
SPECIFICATIONS

| Measuring range | 400.0 / 4000 / 40.00k / 400.0klx |
| :---: | :---: |
| Accuracy | $\pm(5 \%+1)$ below 3000lx $\pm(7.5 \%+1) 30001 x$ or higher Compatible JIS standard A class |
| Optical sensor | Si photodiode with approximated relative luminous efficiency $(\Phi 9 \mathrm{~mm}$ ) |
| Display | Numeric : 4039 full scale, Bargraph : 41 segment |
| Over display | Displays "OL" |
| Temperature Characteristics | $\pm 5 \%$ (at $23^{\circ} \mathrm{C}$ within operating temperature/humidity range) |
| Relative spectral sensitivity | Approximating the standard luminous efficiency observer |
| Battery low warning | Blinking "BT" appears in the display when the built-in battery is nearly exhausted and battery supply voltage drops |
| Sampling rate | Approx. 3 times/sec. for numeral display Approx. 30 times/sec. for bar graph. |
| Operating temperature / humidity | $0^{\circ} \mathrm{C} \sim 40^{\circ} \mathrm{C}, 80 \% \mathrm{RH}(\mathrm{Max})$ No condensation |
| Storage temperature / humidity | $-10^{\circ} \mathrm{C} \sim 50^{\circ} \mathrm{C}, 80 \% \mathrm{RH}(\mathrm{Max})$ No condensation |
| Environmental condition | Altitude 2000 m or below, pollution degree II |
| Power consumption | Approx. 13mW |
| Battery | LR44 $\times 2$ |
| Size / Mass | Main body : H117 x W76 x D18mm/approx. 120g <br> Sensor probe : H $84 \times$ W16 x D10mm |
| Standard accessories included | Instruction manual |



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[^0]:    A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check he functions and performance of the product.Specifications and external appearance of the product described above may be revised for modification without prior notice.

