

LUX METER LX20

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 $\Phi 9\text{mm}$)
- 4039 count with analog bar graph
- Silicon photodiode
- Measuring range 0.1lx ~ 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 $\pm(7.5\%+1)$ 3000lx or higher Compatible JIS standard A class
Optical sensor	Si photodiode with approximated relative luminous efficiency ($\Phi 9\text{mm}$)
Display	Numeric : 4039 full scale, Bargraph : 41 segment
Over display	Displays "OL"
Temperature Characteristics	$\pm 5\%$ (at 23°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°C ~ 40°C, 80%RH (Max) No condensation
Storage temperature / humidity	-10°C ~ 50°C, 80%RH (Max) No condensation
Environmental condition	Altitude 2000m or below, pollution degree II
Power consumption	Approx. 13mW
Battery	LR44 x 2
Size / Mass	Main body : H117 x W76 x D18mm/approx. 120g Sensor probe : H 84 x W16 x D10mm
Standard accessories included	Instruction manual



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 the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.