



Data Logging Light Meter

Ensure lighting standards and increase system efficiencies

Designed for precision light intensity measurements indoors and out. Ensures safety and quality control requirements are met while increasing comfort levels and productivity. View measurement data in graphical formats as well as record and download data with included software for further analysis.



Precalibrated & Ready to Use!

Features

- ◆ Reliable measurements, guaranteed! Precalibrated to NIST-traceable standards.*
- ◆ Expanded range of 0 to 400 kLux/0 to 40 kFc meets a wide range of application requirements
- ◆ Silicon photo diode with spectral response filter ensures precision accuracy of $\pm 3\%$
- ◆ User-selectable Lux or Fc units for additional flexibility
- ◆ Max/Min and Hold functions let you easily control measurement readings
- ◆ Record up to 87,000 measurements for expanded data analysis capability
- ◆ Data logging software with graphical display provides quick and simple data interpretation
- ◆ USB connectivity allows downloading of data to PC
- ◆ Large backlit LCD for easy reading in dimly lit environments
- ◆ Auto power-off extends battery life

Applications

- ◆ Measure visible light from fluorescent, metal halide, high pressure sodium, or incandescent sources
- ◆ Monitor light levels for safe working conditions in factories, warehouses, office buildings, and schools
- ◆ Light source manufacturers: light intensity in R&D, design, production, QA/QC, installation, and field verification
- ◆ Perform outdoor commercial and residential lighting evaluations
- ◆ Measure roadway/sign/search lighting to ensure code compliance
- ◆ Light intensity control for photo studios, scenic design and cinematography

Includes

USB cable, software CD, canvas carrying case, three AAA batteries, and NIST-traceable certificate with data and uncertainties.

Specifications

Range: 0 to 400,000 Lux;
0 to 40,000 Fc

Resolution: 0.01 Lux/Fc

Accuracy: $\pm 3\%$ rdg $\pm 0.5\%$
full-scale (<10,000 Lux),
 $\pm 4\%$ rdg ± 10 digits
(>10,000 Lux)

Functions: data logging, record/recall,
min/max/hold, user-selectable Lux or Fc,
low-battery indicator, auto power-off

Output: USB

Display: 4000-count backlit LCD

Dimensions: 2" x 6³/₈" x 1"
(5 x 16 x 2.7 cm)

Power: three AAA batteries



Catalog number	Description
MW-20250-00	Data logging light meter



Contact:
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