

TECHNICAL DATA

Fluke 941 Light Meter



Key features

- Measure in lux or foot-candles, with one button to switch between display options
- Measuring range up to 200,000 Lux or 20,000 foot candles
- Data hold to freeze reading on the digital display
- Min/max ability to show high and low readings
- Auto power off to save battery life
- Includes protective sensor cap

Product overview: Fluke 941 Light Meter

Designed for use in multiple environments, the Fluke 941 light meter is easy to use and provides clear data display for a variety of applications.

The Fluke 941 is a handheld luminometer than can measure visible light sent from a variety of light sources, to include fluorescent, metal halide, high pressure sodium, or incandescent lamps. With an extension cord to the light meter and separate display the Fluke 941 provides a handheld tool to accurately measure light in multiple environments. The Fluke 941 is a portable tool that measures light up to 20,000 fc of lux with an accuracy of .01 fc/lux.

Applications:

Clean room environments, agriculture, HVAC operations Room illumination assessment as part of environmental health and safety reviews Light source quality and troubleshooting



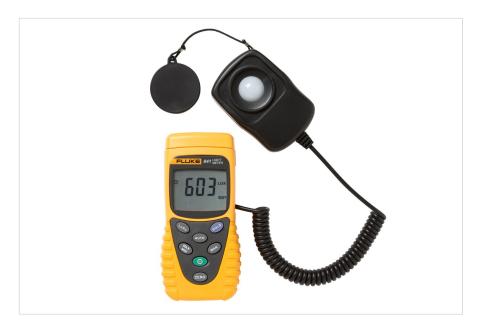
Specifications: Fluke 941 Light Meter

| Measurement parameter | | |
|-----------------------|--|--|
| Range | 20, 200, 2000, 20000, 200000 Lux 20, 200, 2000, 20000FC (footcandle) | |
| Precision | ±3% (at 2854°K - calibrated by the common incandescent lamp) ±6% other visible light sources Cosine error 30°±2% 60°±6% 80°±25% Cosine angle corrected according to the grade A general specifications of JIS C 1609:1993 and CNS 5119 A | |

| Specifications | |
|--------------------------|--|
| Sampling rate: | 2.5 times/second for the digital display |
| Display: | 3½ digit 1999-point LCD screen |
| Sensor: | Silicon photoelectric diode and optical filter |
| Environment: | For indoor use |
| Power supply: | 9V NEDA 1604, IEC 6LR61 |
| Battery life: | 200 hours; in about 6 minutes after auto power-off |
| Dimension (main unit) | 130 × 63 × 38 mm |
| Dimension (sensor) | 80 × 55 × 29 mm |
| Weight: | 220 g (including the battery) |
| Warranty period: | 1 year |



Ordering information



Fluke 941

Fluke 941 Light Meter

- 941 luminometer
- 9V battery
- User manual



Fluke. Keeping your world up and running.®

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01/2024

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