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 20,000 lux or 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