

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 that 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	±13% (at 2854K - calibrated by the common incandescent lamp) ±16% other visible light sources Cosine error ±12% ±16% ±125% 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:	3-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.®*

**Fluke Corporation**  
PO Box 9090, Everett, WA 98206 U.S.A.

**For more information call:**  
In the U.S.A. (800) 443-5853  
In Canada (800) 36-FLUKE  
From other countries +1 (425) 446-5500  
[www.fluke.com](http://www.fluke.com)

©2024 Fluke Corporation.  
Specifications subject to change without notice.  
11/2024

**Modification of this document is not permitted  
without written permission from Fluke Corporation.**