

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	±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
Baery 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 baery)
Warranty period:	1 year

Ordering information



Fluke 941

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- 941 luminometer
 - 9V battery
 - User manual
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Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:
In the U.S.A. (800) 443-5853
In Europe/M-East/Africa
+31 (0)40 267 5100
In Canada (800)-36-FLUKE
From other countries +1 (425) 446-5500
www.fluke.com/en-th

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