



## Luminometer

### 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.

#### Features:

- Measure in lux or footcandles, with one button to switch between display options
- Measuring range up to 20,000 lux or foot candle
- 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

#### Main technical parameters:

Fluke 941	
Measurement parameter	
Range	20, 200, 2000, 20000, 200000 Lux 20, 200, 2000, 20000FC (Footcandle)
Accuracy	±3% (at 2000 Lux - calculated by the common incandescent lamp) ±5% of the visible light sources Cosine error: 30° ±2% 60° ±3% 80° ±25% Cosine angle corrected according to the grade A general specification of IEC 61010-1:2010 and IEC 61010-2-010
Specifications	
Sampling rate	2.5 transients for the digital display
Display	2.0 digit 1999-point LCD screen
Sensor	24mm photoelectric diode and optical fiber
Environment	For indoor use
Power supply	9V NiMH 1504 100 mAh
Battery life	200 hours in about 6 minutes after auto power-off
Dimensions (mm)	130 x 63 x 28 mm
Dimensions (inches)	5.1 x 2.5 x 1.1 in
Weight	220 g (including the battery)
Battery period	3 year



#### Applications:

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

#### Ordering information

##### Fluke 941

- 941 luminometer
- 97 battery
- User manual