

Light Meter



Technical Datasheet



The MT940 is a handheld light meter that provides accurate display of light levels in terms of Foot Candle (FC) or LUX over a wide range. This versatile meter offers Peak Hold and Data Hold functions and can measure light up to 20,000 Lux or FC with an accuracy of 0.01Lux/FC. The light sensor is connected through an extension cable to the meter, providing fast measurements in multiple environments. The readings are displayed on a large and clear LCD display with range annunciations to assist the user. This is an essential tool for Designers or Quality Assurance Managers to troubleshoot or check lighting levels in a variety of situations from office to factory areas where health and safety is a requirement.

Features:

- Check light levels in a wide variety of situations
- Accurate test with fast response and auto zero adjustment
- 4 measuring ranges for Lux and Foot Candle
- Lux range from 200 Lux to 200,000 Lux
- Foot Candle range from 20fc to 20,000fc
- Measurement rate 2 times per second
- Peak Hold and Data Hold functions
- Symbol and unit display - easy to read
- Overrange indication
- Auto Power Off



3 1/2 Digits Large Display



Sensor with 1.2m Extension

General Specifications

Functions	Range
Lux Range	200.0 to 200,000 Lux
Lux Range Accuracy	±(5.0% +10)
Foot Candle Range	20.00 to 20,000 fc
Foot Candle Accuracy	±(5.0% +10)
Spectral Response	CIE Photopic (human eye response curve)
Photo Detector	Photo diode and filter
Sample Rate	2 times/sec

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