FEATURES

- Cosine Angular corrected.

- Data Hold Function

- Low Battery Indication

- Manual Zero Adjustment

- Over Load Indication

- Manual ranging

RS PRO ILM201L Light Meter, ±3 (Incandescent) %

RS Stock No.: 124-0938

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO LUX/FC light meter ILM-201L is a great value instrument offering spectral response close to CIE luminous spectral efficiency, measurements in lux or foot-candles and Silicon photodiode and filter.

General Specifications

Model Number	ILM201L
Sensor Type	Photodiode
Display Type	31/2 digits LCD display
Features	Cosine Angular corrected.
Applications	Lighting of streets areas/ Lighting in museums/ Monitors
Calibration Availability	calibrated to standard incandescent lamp 2856 ºK

Light Measurement

Measuring Range	200Lux to 200000Lux / 20Ftc to 20000 Ftc
Minimum Light Level	200Lux
Maximum Light Level	200000Lux
Accuracy	±3%
Measurement Rate	2.5 times per second

Electrical Specifications

Power Source	Battery
Battery Included	Yes
Battery Type	9V NEDA 1604

Mechanical Specifications

Dimensions	55mm x 38mm x 130mm
Width	38mm
Depth	55mm
Height	130mm
Weight	250g
Casing Material	Plastic
Photosensor Cable Length	150cm
Photosensor Dimensions	25mm x 44mm x 80mm

Approvals

Compliance/Certifications	EN 61340-5-1:2007
Declarations	RoHS Certificate of Compliance

Specifications:

- **Display:** 31/2 digits LCD display with maximum reading of 1999.

- **Sensor:** Silicon photodiode with filter and cosine correction

- **Measuring range:** 200, 2000, 20000, 200000 Lux
  20, 200, 2000, 20000 Foot-candles

- **Accuracy:** ±3% (Calibrated to standard incandescent lamp 2856° K)
  ±8% (other visible light source)

- **Angle deviation from cosine characteristics:**
  30°   ±2%
  60°   ±6%
  80°   ±25%

- **Power Supply:** 9V NEDA 1604, IEC 6F22, JIS 006 P battery x 1pc

- **Meter size:** 38 x 55 x 130mm

- **Sensor size:** 25 x 44 x 80mm; Cable length: 1.5m

- **Weight (including battery):** 250g

- **Accessories:** Manual, 9V battery and carrying case.