

FEATURES

- Overload Indication
- Data Hold Function
- Auto Ranging
- Auto Power Off
- Real Zero function

RS PRO IM720 Light Meter, 400lx to 400000lx, $\pm 3\%$

RS Stock No.: 106-5311



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 mini pocket light meter IM-720 is a great value lux/foot-candle light meter. It measures light from visible sources (sun, moon or any light-emitting body) and from equipped fluorescent, metal halide, high-pressure sodium and incandescent sources.

General Specifications

Model Number	IM-720
Sensor Type	Photodiode
Display Type	6-Digit LCD
Features	Over Range Display
Calibration Availability	calibrated to standard incandescent lamp 2856°K
Applications	Measuring of all visible light level

Light Measurement

Measuring Range	400Lux to 400000Lux / 40FtC to 40000FtC
Minimum Light Level	400Lux
Maximum Light Level	400000Lux
Accuracy	±3%
Resolution	3Lux
Measurement Rate	2.5 times per second

Electrical Specifications

Power Source	Battery
Battery Included	Yes
Battery Type	2AAA
Battery life	50 Hours

Mechanical Specifications

Dimensions	133mm x 48mm x 23mm
Width	48mm
Depth	133mm
Height	23mm
Weight	80g

Approvals

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





Specifications:

- Display: 6-digit LCD display with maximum reading of 3999
- Sensor Silicon photodiode with filter and cosine correction.
- Sampling Rate: 2.5 times per second.
- Measuring Range: 400, 4000, 40000, 400000 Lux
40, 400, 4000, 40000 Foot-candles
(1 Fc = 10.76 Lux).
- Accuracy (0~500Lux): $\pm 3\%$ $\pm 3\text{Lux}$ (Calibrated to standard incandescent lamp 2856°K).
- (> 500Lux) $\pm 3\%$ (Calibrated to standard incandescent lamp 2856°K).
8% other visible light source
- Angle deviation from cosine characteristics: 30° : $\pm 2\%$.
60° : $\pm 6\%$.
80° : $\pm 25\%$.
- Power Supply: 2 batteries 1.5V AAA MN2400 LR03 AM4.
- Battery life: About 50 hours.
- Dimension: 133× 48× 23 mm (L × W × H).
- Weight: Approx.90g with batteries installed.
- Accessories: Manual, batteries and carrying bag.