

FEATURES

- Peak Hold function
- Data Hold Function
- Accurate and instant response
- Auto Power Off
- Relative function
- Over Range Display

RS PRO Light RS PRO ILM1335 Light Meter, 0 lux to 400000 Lux $\pm 3\%$ rdg \pm 0.5% f.s. dgt

RS Stock No.: 123-2221



RS PRO 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

From the trusted RS PRO brand, the ILM1335 is a great value digital light meter with spectral sensitivity close to the CIE photopic standard curve. The light meter has a sensor that attaches by a flexible wire allowing you to easily take readings where you need to most. It features a 3-3/4 digit LCD with bar graph indication for quick and accurate reading of measurements, and has a stand for further convenience.

General Specifications

Model Number	ILM1335
Sensor Type	Photodiode
Display Type	3-3/4 digit LCD with bar graph indication.
Features	Accurate and instant response
Temperature Characteristics	±0.1%/°C
Applications	Lighting of streets areas/ Lighting in museums/ Monitors

Light Measurement

Measuring Range	0Lux to 400000Lux / 0Ftc to 40000Ftc
Minimum Light Level	0Lux
Maximum Light Level	400000Lux
Accuracy	±3% rdg ±0.5% f.s dgt
Resolution	0.01Lux
Measurement Rate	1.3 times per second
Spectral Response	CIE Photopic
Spectral Accuracy	CIE V λ function f '1 ≤6%

Electrical Specifications

Power Source	Battery
Battery Included	Yes
Battery Type	AAA
Battery life	400 Hours

Mechanical Specifications

Dimensions	150mm x 72mm x 35mm
Width	35mm
Depth	72mm
Height	150mm
Weight	320g
Casing Material	Plastic
Photosensor Cable Length	150cm (approx.)
Photosensor Dimensions	92mm x 60mm x 29mm

Operation Environment Specifications

Relative Humidity	<80% RH
Operating Temperature Range	0°C to 50°C
Storage Temperature Range	0°C to 40°C <80%RH -10°C to 50°C <70%RH

Approvals

Declarations	RoHS Certificate of Compliance
---------------------	--------------------------------





SPECIFICATIONS

Display	3-3/4 digit LCD with bargraph indication
Measuring Range	40.00Lux, 400.0Lux, 4000Lux, 40.00Klux, 400.0Klux, 40.00fc, 400.0fc, 4000fc, 40.00Kfc (1 fc = 10.76 Lux)
Overrange Display	"OL" is displayed
Resolution	0.01 Lux , 0.01 fc
Accuracy	±3% rdg ±0.5%f.s dgt (Calibrated to standard incandescent lamp, 2856 K)
CIE photopic	$f'_{1} \leq 6\%$
Temperature Characteristics	±0.1% / °C
Measuring Rate	Digits : 1.3/sec Analog : 13.3/sec
Photosensor	Silicon photodiodes
Operating / Storage Conditions	0 to 40°C <80% RH -10 to 50°C <70%RH
Power Source	6 pcs AAA size Battery
Battery Life (typical)	400 hours
Photosensor Lead Length	150 cm (approx.)
Photosensor Dimensions	92x60x29mm
Dimension	150x72x35mm
Weight	320g
Accessories	Carrying case, Instruction manual, Battery