

FEATURES

- Cosine Angular corrected
- Low battery Indication
- Data Hold Function
- Auto Ranging
- Auto Power Off

RS PRO RS-3809 Light Meter, 40lx to 400000lx, $\pm 3\%$

RS Stock No.: 146-9083



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

Introducing the RS PRO RS-3809 Light Meter. It's a great piece of equipment that measures light from visible luminaries equipped with white light LED, fluorescent and many more sources. The ergonomic design and construction of the light meter makes it easy to handle with a tough design, which means it's suitable for use in harsh environments. It offers an easy to use interface with an extendable cable for the light sensor to increase the ease of use and flexibility across a wide range of applications, making it an essential light measurement instrument for professional or amateur use.

General Specifications

Model Number	RS-3809
Sensor Type	Photodiode
Display Type	LCD
Features	Cosine Angular corrected
Applications	Lighting of streets areas/ Lighting in museums/ Monitors

Light Measurement

Measuring Range	40Lux to 400000Lux / 4Ftc to 40000 FtC
Minimum Light Level	40Lux
Maximum Light Level	400000Lux
Accuracy	±3%rdg
Measurement Rate	2.5 times per second

Electrical Specifications

Power Source	Battery
Battery Included	Yes
Battery Type	3 AAA

Mechanical Specifications

Dimensions	162mm x 63mm x 28mm
Width	63mm
Depth	162mm
Height	28mm
Weight	250g
Casing Material	Plastic

Operation Environment Specifications

Altitude	Up to 2000 M
Relative Humidity	70%RH.
Operating Temperature Range	5°C~40°C
Storage Temperature Range	-10°C~60°C

Approvals

Compliance/Certifications	JIS C1609: 1993 CNS 5519
Declarations	RoHS Certificate of Compliance



Specifications

Display	4000 count, maximum display 3999	
Sensor	Silicon photodiode with filter	
Measuring Range	40, 400, 4000, 40000, 400000 Lux 40, 400, 4000, 40000 Footcandles	
Accuracy	± 3% (Calibrated to standard Incandescent lamp 2856°K and Corrected LED day white light Spectrum) 6% other visible light source	
Angle deviation from cosine	30°	± 2%
	60°	± 6%
	80°	± 25%
Power Supply	1.5V AAA *3 alkaline battery	
Dimensions	162 mm(L)*63 mm(W)*28 mm(H)	
Weight	about 250g	
Accessories	user manual	
Length of wiring for light sensor : Approx. 1.5M		

Uffici, Fabbriche

Uffici	Luogo
Fabbriche	Lavori come Assemblaggio, ispezione, test, selezione, lavoro visivo di precisione
1500 bis 750	Assemblaggio, ispezione, test, selezione, lavoro visivo di precisione
750 bis 300	Assemblaggio, controllo, test, selezione e lavoro ordinario visivo
300 bis 150	Avvolgimento e imballaggio
75 bis 30	Scale di emergenza interne

Scuole

Illuminazione (lux)	Luogo
Da 1500 a 300	Disegno o disegno di precisione, sperimentazione di precisione, biblioteca
Da 750 a 200	Aule, sale di lettura della biblioteca, sala del personale, palestra
Da 300 a 75	Aule per conferenze, corridoi di sala riunioni, spogliatoi, scale, servizi igienici
Da 75 a 30	Magazzini e scale di emergenza
Da 10 a 2	Passaggi delle scuole