

TECHNICAL DATA



Includes sensor cover, protective holster, carrying case & battery

Features

- Wide measuring range (up to 40,000 fc or 400,000 lx)
- Easy-to-read backlit LCD display
- 42-segment digital analog bargraph
- Min/Max and Relative Mode functions
- Peak and Data Hold
- Low battery indicator and auto shut off
- Includes sensor cover, protective holster, carrying case & battery

Specifications

Measuring Range(s):	lx: 0 to 400,000 fc: 0 to 40,000
Accuracy:	±(5% rdg.+ 0.5% Full Scale)
Repeatability:	±3%
Resolution:	lx/fc: 0.01 (Max resolution)
Response Time:	Bargraph: 13.3 times/second Numeric display: 1.3 times/second
Sensor Type:	Photo diode with spectral response filter
Spectral Response:	CIE Photopic (CIE Human Response Curve)
Spectral Accuracy:	CIE V_{λ} function $f_1' \leq 6\%$
Cosine Response:	$f_2' \leq 2\%$
Display:	3 3/4" (3999) digit LCD
Digital Analog Bargraph:	Yes (42 segment)
Backlit Display:	Yes
Data Hold:	Yes
Min, Max and Relative Mode:	Yes
Peak Hold:	Yes
Overrange Indicator:	Yes
Auto Shut-Off:	Yes (after 30 mins)
Kick Stand:	Yes
Tripod Mountable:	Yes
Low Battery Indicator:	Yes
Power Supply:	9V battery
Product Certifications:	CE
Operating Temperature:	32 to 104°F (0 to 40°C)
Storage Temperature:	14 to 140°F (-10 to 50°C)
Operating Humidity Range:	10 to 80%
Dimensions:	7.4 x 2.5 x 1" (188 x 64.5 x 24.5mm)
Weight:	14.2oz (403g)

Model	Description
R8130	Light Meter
R8130-NIST	Light Meter with NIST