

## **Light Meter** Model **R8130**



## TECHNICAL DATA





## **Features**

- Wide measuring range (up to 40,000 Fc or 400,000 Lux)
- 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): Lux: 0 to 400.000

Fc: 0 to 40,000

Accuracy: ±(5% rdg.+ 0.5% Full Scale)

Repeatability: ±3%

Resolution: Lux/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)

CIE V<sub>λ</sub> function f1'≤6% Spectral Accuracy:

f2' ≤2% Cosine Response:

3 3/4" (3999) digit LCD Display:

Digital Analog Bargraph: Yes (42 segment)

Backlit Display: Yes Data Hold: Yes

Min. Max and

Yes Relative Mode: Peak Hold: Yes Overrange Indicator: Yes

Auto Shut-Off: Yes (after 30 mins)

Kick Stand: Yes Tripod Mountable: Yes Low Battery Indicator: Yes

9V battery Power Supply:

**Product Certifications:** 

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% 7.4 x 2.5 x 1" Dimensions:

(188 x 64.5 x 24.5mm)

Weight: 14.2oz (403g)

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