

LED Light Meter Model **R8140**



TECHNICAL DATA



Features

- Measures ambient light levels of white, red, yellow, green and blue LED light and visible light in Foot-candles or Lux
- Large, backlit LCD display
- Detachable and rotatable light sensor
- Min/Max and data hold functions
- Cosine and color corrected measurements
- User adjustable parameter for specialized light sources
- · Low battery indicator and auto shut off
- Includes detachable sensor, sensor cover, hard carrying case and batteries

Model	Description	
R8140	LED Light Meter	

Specifications

Measuring Ranges: Lux: O to 199.900 Fc: O to 19,990

Incandescent Light Source: Accuracy:

 $\pm(3\% \text{ rdg.} + 5 \text{ dgt})$

Other Visible Light Source:

±8% rdq.

Resolution: Lux: O.1

Fc: 0.01

Response Time: 500mS

Sensor Type: Silicon photodiode with color

> correction filter and cosine correction

Light Types: White LED. Yellow LED.

Green LED, Red LED, Blue LED. Warm White

Fluorescent, Cold White Fluorescent Lamp,

Incandescent

Angle deviation from

10° ±1% cosine characteristics:

> 30° ±2% 60° ±5% 80° ±20%"

Autoranging: Yes (Auto and Manual)

6-Digit LCD Display:

Backlit Display: Yes Data Hold: Yes Min: Yes Yes Max: Overrange Indicator: Yes

Auto Shut-off: Yes (after 30 mins)

Low Battery Indicator: Yes

Power Supply: 2 x AA Batteries Battery Life: Approx. 80 hours

CE, RoHS **Product Certifications:**

Operating Temperature: 32 to 104°F (O to 40°C) Storage Temperature: 14 to 122°F (-10 to 50°C)

Operating Humidity Range: O to 80%

Dimensions: 6.7 x 2.5 x 1.5"

(169 x 63 x 37mm)

Weight: 7.4 oz (210g)