# **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 R | anges: |
|-------------|--------|
|-------------|--------|

Accuracy:

Resolution:

**Response Time:** Sensor Type:

Light Types:

Angle deviation from cosine characteristics:

Autoranging: Display: Backlit Display: Data Hold: Min: Max: Overrange Indicator: Auto Shut-off: Low Battery Indicator: Power Supply: Battery Life: **Product Certifications: Operating Temperature:** Storage Temperature: **Operating Humidity Range:** Dimensions:

Lux: 0 to 199.900 Fc: 0 to 19,990 Incandescent Light Source: ±(3% rdg.+ 5 dgt) Other Visible Light Source: ±8% rdg. Lux: 0.1 Fc: 0.01 500mS Silicon photodiode with color correction filter and cosine correction White LED, Yellow LED, Green LED, Red LED, Blue LED, Warm White Fluorescent, Cold White Fluorescent Lamp, Incandescent 10° ±1% 30° ±2% 60° ±5% 80° ±20%"

Yes (Auto and Manual)

Yes (after 30 mins)

2 x AA Batteries

Approx. 80 hours

6.7 x 2.5 x 1.5" (169 x 63 x 37mm)

7.4 oz (210g)

32 to 104°F (O to 40°C)

14 to 122°F (-10 to 50°C)

CE, RoHS

O to 80%

6-Digit LCD

Yes

Yes

Yes

Yes

Yes

Yes

Weight:

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