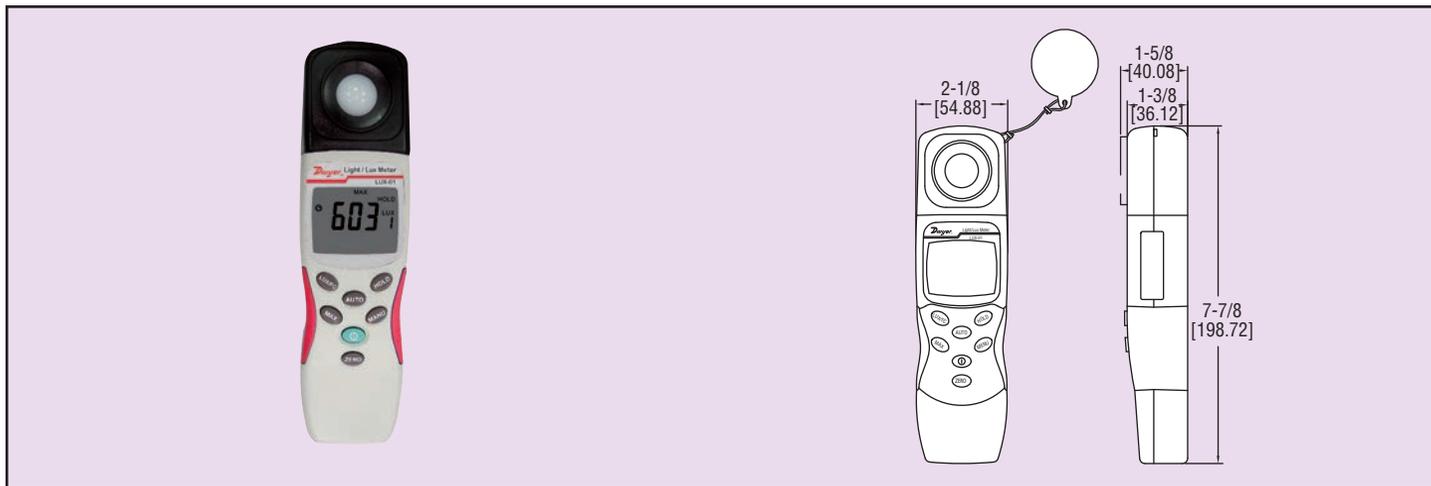




Model  
LUX-01

# Digital Light Meter

Silicon Photodiode Sensor, Reads up to 200,000 Lux



**Model LUX-01 Digital Light Meter** is able to measure the intensity of fluorescent, metal halide, high-pressure sodium, and incandescent light sources. This meter shows readings on a 3-1/2 digit LCD and can record measurement up to 200,000 lux and up to 20,000 foot-candles. The silicon photodiode sensor allows for use in high temperatures and has a strong angular correction for a highly accurate reading. Model LUX-01 also includes a protective cap for the sensor, ensuring that the meter is always zero calibrated. Applications include HVAC, medical facilities, photography, and cinematography.

Model LUX-01, Digital Light Meter

#### SPECIFICATIONS:

**Range:** Up to 200,000 lux; up to 20,000 foot-candles.

**Accuracy:**  $\pm 3\%$  of reading (Calibrated to standard incandescent lamp 4681°F (2583°C)) or  $\pm 6\%$  other visible light source.

**Display:** 3-1/2 digit LCD.

**Resolution:** 1.0 lux; 1.0 foot-candle.

**Sensor:** Silicon photodiode and filter.

**Angle Deviation from Cosine**

**Characteristics:** 10°  $\pm 0.5\%$ , 30°  $\pm 2\%$ , 50°  $\pm 3\%$ , 60°  $\pm 6\%$ , 80°  $\pm 25\%$ .

#### Temperature Limits:

Operating: 14 to 122°F (-10 to 50°C);  
Storage: 14 to 122°F (-10 to 50°C).

**Power Requirements:** 9 V carbon zinc battery, included, user replaceable.

**Battery Life:** 200 hours.

**Weight:** 22.4 oz (635 g).

**Agency Approvals:** CE, RoHS.