Model LUX-01 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:** ±3% of reading (Calibrated to standard incandescent lamp 4681°F (2583°C)) or ±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° ±0.5%, 30° ±2%, 50° ±3%, 60° ±6%, 80° ±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.