



LEDCure®

NEW!

Low Power UV Radiometer - 400 mW Model

The LEDCure® Low Power 400mW is purpose-built for measuring low-intensity UV LED systems used in precision curing, photochemistry, and research. Featuring EIT 2.0's patented TMOR™ optics, it delivers laboratory-grade accuracy at a fraction of the cost of traditional instruments.

Key Features:

- Operating range optimized for low-power sources:
4 mW/cm² – 400 mW/cm²
- Ultra-High resolution for precise, repeatable readings at low energy levels: **1 μW/cm²**
- Same easy single-button use as all EIT2.0 LEDCure units
- Available in **L-365, L-385, L-395 and L-405**
- Patented TMOR™ optics for **absolute energy measurement**
- User-selectable sample modes: 25/128/2048 samples/sec
- NIST-traceable calibration certificate included



Ideal Applications:

- Photochemistry and photopolymer research
- Precision inkjet and coatings curing
- Medical device UV treatment processes
- UV adhesive and encapsulant bonding
- Academic and laboratory UV measurement
- Quality control of low-power LED sources

Why Choose the Low Power Model?

Previous LEDCure models existed to serve the market of high-powered UV LEDs. As technology shifts to favor longer cure times and lower Irradiance levels, you need a radiometer to fit your updated application. The 400mW LEDCure offers:

- **Resolution 200× finer than the 40W model**
- **Flat spectral response** across each L-Band via TMOR™

Full Product Specifications:

Model	Low Power LEDCure® 400mW
Operating Range	4 mW/cm ² – 400 mW/cm ²
Max Energy	50 J/cm ² per reading
Accuracy	Typically ±2% or better; ±10% of reading ± 0.2% of full scale
Resolution	1 μW/cm ² (1 microWatt/cm ²)
Repeatability	Typically better than ±0.2% (unit alone); ≤1% max
Spectral Bands	L-365 (340–392 nm), L-385 (360–412 nm), L-395 (370–422 nm), L-405 380–432 nm)
Sample Modes	25 (legacy) / 128 (recommended) / 2048 equiv. samples/sec
Display	OLED — Yellow text on black; irradiance, energy density, graph
Calibration	NIST-traceable calibration, certificate supplied
Battery	2 × AAA Alkaline (user-replaceable) — approx. 20 hours display-on
Operating Temp.	0–75°C internal; audible alarm when over-temperature
Dimensions	4.60 × 0.50 in (117 × 12.7 mm); 10.1 oz (289 g) - Aluminum & stainless steel
Compliance	CE marked: IEC 61326-1:2005, EN55011:1998, EN61000-4-2, EN61000-4-3

EIT is now **EIT 2.0** Our new contact information is:

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