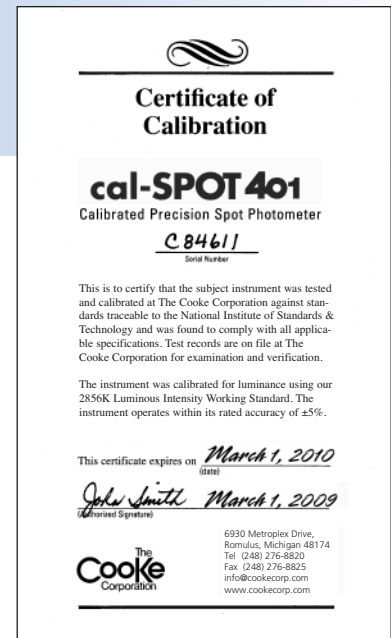


# cal-SPOT 401

## Calibrated Precision Spot Photometer



*The cal-SPOT 401 is a calibrated precision spot measuring brightness meter designed with emphasis on user-friendliness and accurate measurements traceable to NIST and NRC Standards.*

### Description

- **Large LCD display** - measuring in metric units.
- **Calibration Seal** - affixed to every cal-SPOT after calibration assures authenticity and prevents unauthorized alterations.
- **“ON” and “HOLD” button** - click to display reading, hold to “freeze” and auto power off.
- **Wide Viewing Field** - zero magnification allowing both eyes to be open for comfortable viewing.

### Features

- NIST calibration certificate with each instrument
- No magnification, use with both eyes open
- 1 degree measuring spot
- Single button operation
- Autorange, 0.1 to 400,000 cd/m<sup>2</sup>
- Auto power off
- User-friendly operation
- High stability silicon photodiode sensor with human eye response correction
- Carrying case

### Specifications

- **Measuring Range** - 0.1 to 400,000 cd/m<sup>2</sup>
- **Measuring Field** - 1 degree
- **Viewing Field** - 12 degrees
- **Magnification** - 1X, no magnification
- **Working Distance** - 8" to infinity
- **Sensor** - Silicon photodiode with photopic filter
- **Spectral Response** - CIE photopic curve (human eye response)
- **Accuracy** ± 5%
- **Dimensions and Weight** - 7.5" x 2.0" x 3.6", 22oz.
- **Temperature Range** -
  - Operation: 32° to 130°F (0° to 55°C)
  - Storage: -4° to 160°F (-20° to 70°C)
- **Calibration Certificate** - Traceable to NIST and NRC Standards

### Applications

- Road illumination studies
- Setting instrument controls
- Evaluation of endoscopic instruments and other fiber optic light sources
- Psychological studies
- Greenhouse control
- CRT measurements
- Vision studies

### Ordering Information

cal-SPOT 401 Calibrated Precision Spot Photometer with variable focus measures from 8" to infinity. Complete with instructions, battery, carrying case and calibration certificate.

FOB Romulus, MI

**cal-SPOT 401 \$2250**