

Visible Light Meter

Measures Visible Light in Foot-candles or Lux

The Visible Light Meter accurately measures visible light in either foot-candles or lux and includes a permanently affixed visible light sensor specially constructed to measure visible white light in the range of 400-760 nm for non-destructive testing.

The digital readout is adjustable with ranges of 20, 200, and 2000 foot-candles; or 200, 2000, and 20,000 Lux. Calibrated to +/- 5% accuracy, the Visible Light Meter meets NADCAP requirements.

Meets the requirements for all penetrant and magnetic particle inspections:

- Fluorescent inspections: Verification of ambient light, maximum 2 ft-candles / 20 lux
- Visible inspections: Verification of inspection light, minimum 100 ft-candles / 1,000 lux

FEATURES

- 400-760 nm range for ASTM E2297
- +/-5% accuracy for NADCAP requirements
- Accurately measures visible white light emission
- Adjustable digital readout ranges: 20, 200 & 2,000 ft-candles or 200, 2,000 & 20,000 lux



SPECIFICATIONS COMPLIANCE

- ASTM E2297
- ISO 3059

For use with systems conforming to:

- ASTM A275
- ASTM E165
- ASTM E709
- ASTM E1208 / E1209 / E1210 / E1219
- ASTM E1220 / E1418
- ASTM E1417
- ASTM E1444
- ASTM E3024
- ASME BPVC Section V
- ISO 3452
- ISO 9934
- ANSI / API 6A
- NADCAP AC7114/1
- NADCAP AC7114/2

PRODUCT PROPERTIES

Spectral Range	400 to 760 nm
Operation Range	Range selection 0 to 2,000 ft-candles / 0 to 20,000 lux
Accuracy	+/-5% of full scale or 0.5 ft-candles, whichever is greater
Sampling Time	1 Second
Sensor Cord Length	42 in / 107 cm
Power Supply	DC 9V Battery
Dimensions	5.7 x 2.9 x 1.4 in / 14.5 x 7.4 x 3.6 cm
Weight	0.4 lb / 0.2 kg

PART NUMBER

622338