

Fluorescence in a Whole New Light™

BLUELINE MODEL BLR-1™ BLUE LIGHT RADIOMETER

To meet inspection requirements you often need to know that your light is working properly, putting out enough light to make indications fluoresce brightly. You have to measure the light intensity in the right units - $\mu\text{W}/\text{cm}^2$ (microwatts per square centimeter) - to know how much fluorescence-exciting energy is reaching the inspection surface. There are meters available that do this for ultraviolet light, but they don't measure the blue wavelengths of BlueLine's lights. Visible light meters can read the blue, but they are designed to measure the background white-light illumination in foot-candles. Neither of these measures blue light in the right units - a new meter is needed.

BlueLine has teamed with International Light Technologies, a long-established manufacturer of high quality light measurement instruments, to produce the BlueLine BLR-1 Blue Light Radiometer. At the touch of the power button the BLR-1 reads out directly in $\mu\text{W}/\text{cm}^2$ with NIST traceable calibration.



- *Direct readout in $\mu\text{W}/\text{cm}^2$*
- *One-touch operation*
- *NIST-traceable calibration*
- *Low battery indication*
- *1/4-20 threaded mount on detector*
- *Protective rubber boot*
- *Injection molded carrying case*

Specifications

- **Measurement range:** 0 - 20,000 $\mu\text{W}/\text{cm}^2$
- **Battery:** 9V alkaline
- **Meter size:** 7" x 3.5" x 1.5" (17.8 x 8.9 x 3.8 cm)
- **Detector size:** 3" x 1.5" x 0.75" (7.6 x 3.8 x 1.9 cm)