

## **QUANTUM PM-12 FIBER OPTIC PROBE (FLEXIBLE)**

### **INSTRUCTIONS**

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This attachment is designed for use with PHOTO-METER (MODEL 1, 2, or LX). It reads brightness of self luminant objects such as diffuse lighting screens, video monitors, signs, etc. With it small areas (3mm or 1/8 inch) can be measured or otherwise inaccessible areas can be reached.

Each PM-12 is calibrated to be compatible with a PHOTO-METER. Do not attempt to use it except with the meter it was calibrated to. Re-calibration is recommended when it is desired to make calibrated measurements with another PM-12/PHOTO-METER combination. The calibration unit of luminance measurements when using the PM-12 with PM-1 or 2 is footlamberts, when using the PM-12 with the PMLX it is candella/meter squared.

Mount the attachment on the meter by first removing the turret supplied. Place the probe's turret flat on top of the meter and tighten the thumbscrew snugly, but not overtight. To use, hold the Fiber Optic Probe against the surface to be measured, and operate the PHOTO-METER according to its instructions. If the front of the probe is not flush with the surface, background light may distort the reading.

#### Things to avoid

Do not bend the probe sharply or force it beyond the point it easily bends. Avoid scraping the tip of the probe and scratching the glass fiber. Do not attempt to loosen the threaded portion of the probe or the locking ring, otherwise calibration will be affected.