TEST EQUIPMENT

NIGHT SKY ILLUMINANCE MONITOR

Hoffman ENGINEERING

ANV-410A / ANV-410B / TSP-410

Hoffman Engineering has developed a series of portable, battery operated, silicon photometers/radiometers with precision ranges and sensitivity to measure night sky illuminance in both the visible and night vision spectrums. Identified as ANV-410A, ANV-410B, and TSP-410, these instruments are designed for use in the field to measure ambient illuminance and assist in NVD mission planning.

The TSP-410 is photopically filtered and calibrated to measure and display in lux. The ANV-410A is filtered and calibrated to match the class 'A' response identified in MIL-L-85762A. The ANV-410B is fitted and calibrated to match the class 'B' response identified in MIL-L-85762A. The ANV-410X series of radiometers is calibrated to and display units which can be characterized as NVIS lux.

All three instruments operate on four decade ranges of amplification with selection controlled by the front panel range switch. A cover is provided for the detector, permitting the user to zero/null the instrument prior to use.

BRINGING

INNOVATION

TO

LIGHT

Product Specifications

Range	Full Scale milli lux	Equivalent Footcandles	Last Digit Resolution Lux	Accuracy % of Full Scale
2	1.999	0.000186	$1x10^{-6}$	5.0%
20	19.99	0.00186	$1x10^{-5}$	4.5%
200	199.9	0.0186	$1x10^{-4}$	4.0%
2000	1999	0.1858	$1x10^{-3}$	3.5%

Included in this Kit

- Illumination monitor
- Detector cover
- Pistol grip handle
- Battery charging pack, 100-240 VAC, 50/60 Hz
- Water-tight storage case

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