LUMINOUS INTENSITY METER

Model # 65493A22001

The Luminous Intensity Meter (LIM) is a portable, battery-powered meterology instrument that measures light intensity emissions.

Designed, engineered and manufactured by Breault Research Organization (BRO), the LIM is capable of measuring several different photmetric quantities. These quantities include: source intensity in candelas (candlepower), eye illuminance in footcandles, or lux and luminance in nits.

Many lights are too bright or too intense and inherently unsafe for use at night. LIM is a simple, safe and effective way to measure night lights in stadiums, parks, residential areas, and more to ensure the lights meet the safety specifications required.

LIM KIT INCLUDES

> Light Intensity Meter
> Remote Switch
> External Battery Pack
> Energizer L91 Ultimate Lithium, 1.5 V Battery x 4
> Carrying Case
> User Manual

LIM features a built-in laser range finder which measures range in feet or meters. The device includes a 1/4” - 20 threaded mount hold for tripod use.

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SPECIFICATIONS

Candela: 1 to 1,000,000+ cd

Illuminance: LUX or foot-candle

Distance: 3 ft (1 m) to 3280 ft (1000 m) typical

Field of View:

> Photometric: 2.0 degrees

> Visual: 4.0 degrees

> Variable IRIS

Receptor: Silicon photocell, corrected to CIE photopic response f1’ < 3%

Display: LCD readout, 4 lines

DIMENSIONS & WEIGHT

LIM DEVICE

Length:

Housing: 20.1 cm | 7.91 in

With Eyepiece: 24.9 cm | 9.80 in

Width: 19.8 cm | 7.80 in

Height: 9.85 cm | 3.88 in

Weight: Less than 4 lbs

CASE ACCESSORY

Interior (LxWxD): 12 in x 11 in x 5 in

Exterior (LxWxD): 14 in x 12 in x 5 in

Shipping Dimensions (LxWxD): 15 in x 12 in x 7 in

Shipping Weight: 4.0 lbs

BATTERIES

Preferred: Energizer L91 Ultimate Lithium, 1.5 V (x4)

Acceptable: AA Alkaline, 1.5 V (x4)

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