

# ILT600-VIS Light Meter

**Handheld illuminance meter easily measures a variety of light sources**

Designed for use on a variety of light source, applications and environments, the ILT600-VIS lux meter includes a photopically corrected si photodiode with a domed polycarbonate diffuser for improved spatial response.

The ILT600-VIS measures visible light from a variety of light sources including LEDs, fluorescent, neon, incandescent, metal halide, and high pressure sodium lamps covering a broad range from 4 lux up to 8,400 lux.

## Applications:

- Lamp monitoring
- Quality control
- Illumination assessment
- Clean room environments
- Agriculture
- Automotive
- Environmental health and safety
- Industrial surveys
- Task lighting audits and more.



## Specifications

Function:	Handheld Lux light meter
Wavelength Range:	400 - 700 nm in accordance to CIE Photopic Luminous Efficiency
Receiving Window:	Cosine correcting diffuser

### Measurement

Measurement Range:	4 lux - 8,400 lux (Auto range)
Cosine Response:	F2 error <10% for 0 to 70 degrees of AOI
Cosine Correction:	Yes
Linearity Validation:	Yes
Display/Resolution:	3 Significant digits
Calibration:	NIST traceable & ISO/IEC 17025:2017
Power Source:	2 AA batteries
Operation Temperature:	0 - 40 degrees Celcius
Operation Relative Humidity:	0 - 95%

### Dimensions

Display Screen Size:	32 x 50 mm (H x W)
Meter Body Size:	70 x 35 x 160 mm (L x W x H)
Detector Size:	43 x 32 x 65 mm (L x W x H) *Includes 5 mm room for wire bend*
Meter with Detector Attached:	70 x 35 x 200 mm (L x W x H)
Cord Length:	860 mm
Weight: (Without battery)	220 g (.44 lbs)
Shipping Box:	15 in x 12 in
Shipping Weight:	3628 g (8 lbs)