

ILT490 Belt Radiometer

The NEW ILT490 incorporates the measurement capabilities and exceptional performance criteria of the original IL390 UV Curing Light Bug, with the improved features of the ILT400, including profiling, graphing, cost reduction, rechargeable batteries and A400 charger.

The ILT490 works with many lamp options from Iron doped, H and D type lamps, as well as standard UV sources.

This new, all in one Belt radiometer, covers the broad UV spectrum from 250-400 nm, with peak sensitivity at 365 nm. (see graph below)

The best just keeps getting better



SPECIFICATIONS

EXPOSURE: 1 mJ/cm² to 20 J/cm²

TEMPERATURE: 10⁰ to 50⁰ (Case temperature)

IRRADIANCE PROFILE: 20 mW/cm² to 20 W/cm²

ACCURACY: Typically better than ± 6%

COSINE RECEPTOR: Integrating sphere

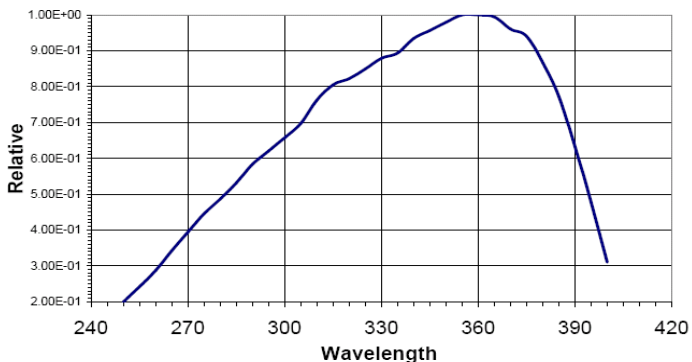
DISPLAY: 4 Digits

DISPLAY GRAPHICS: Resolves 5% of full scale (peak irradiance)

SIZE: 12.7 x 111 x 161 mm (.5" x 4.4" x 6.3")

SPECTRAL CURVE

IL390C/ILT490 UV TYPICAL RESPONSE



FEATURES

- **NIST – traceable calibration**
- **Measurement spectrum matches industry standard IL390C (250-400nm)**
- **Built-in re-chargeable batteries (includes A400 charger)**
- **Integrated exposure (J/cm²)**
- **Peak irradiance (W/cm²)**
- **Intensity profile with autoscale**
- **Baseline profile memory**



InternationalLight
TECHNOLOGIES

NIST Traceable Light Measurement
Systems and Sources
ISO 9001:2000

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