

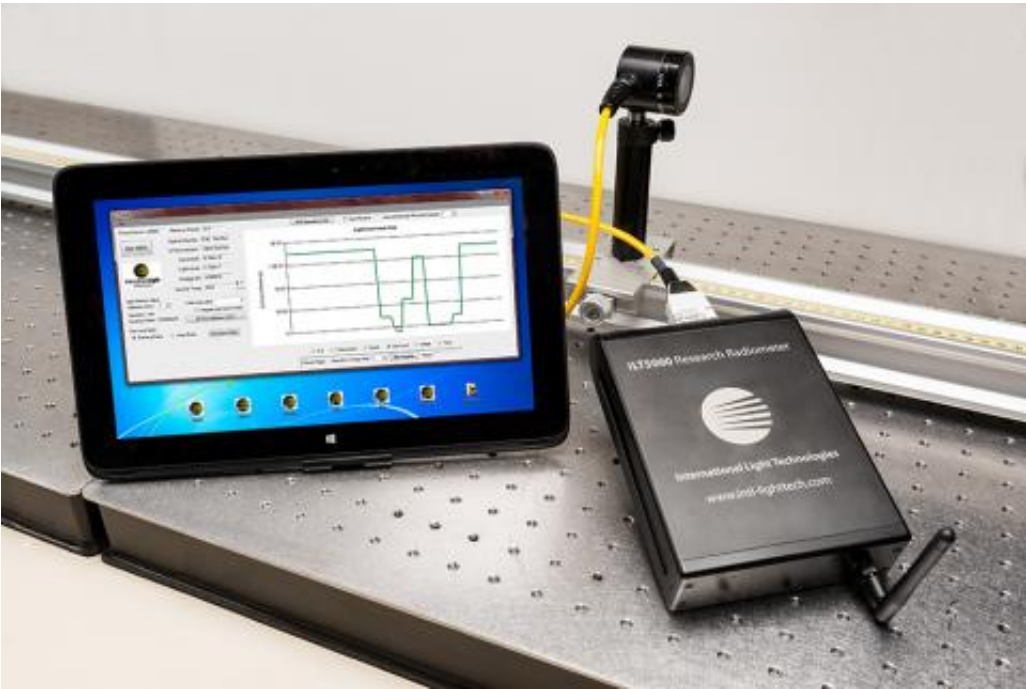
ILT5000, SED240/ACT5/W

Part Number: ILT5000,SED240/ACT5/W

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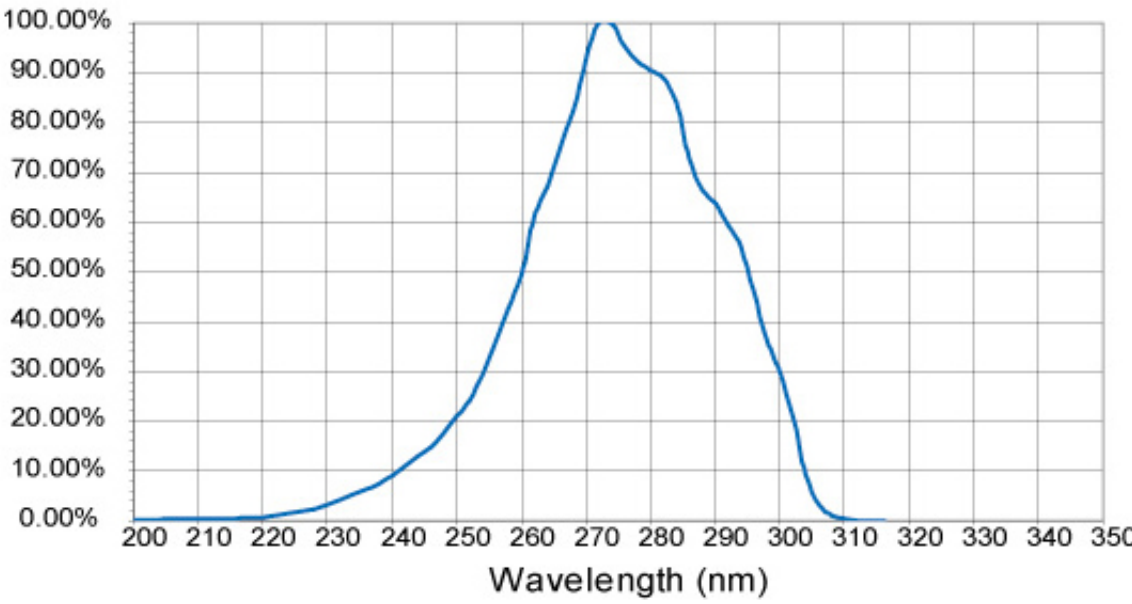
Research Germicidal Light (UV disinfection) & Optical Radiation Hazard Measurement System

- 10+ Decade Dynamic Range of Optical Analysis
- Pico-ammeter: 10fA to 1mA (calibrated from 100fA - 1mA)
- Wireless Communication, Built-in
- User controlled or Auto: Range, Zero/Dark, Sample Rate
- 4-20 mA Output
- 15 pin D Sub and SMA sensor/input ports
- "Set it & Forget It" Remote Data Logging
- Power: USB or Built-in Re-Chargeable Battery Pack
- Multi-System Simultaneous Continuous Monitoring
- Includes DataLight II Software and Labview Sample Code
- NIST-Traceable/ISO17025 Accredited Calibration
- Sample Rate Up to 100 Hz, Programmable
- Made in the USA
- Custom & OEM Inquiries Welcome



< [Back to Germicidal & UV Disinfection System Table](#)

< [Back to Optical Radiation Hazard System Table](#)

DESCRIPTION	SPECIFICATIONS
<p>Effective Germicidal Detector</p> <p>Configured with a spectral response weighted to match the IES Luckiesh and DIN standards for germicidal effectiveness.</p> <p>Measurement Range: 3.00e⁻⁹ to 2.50e⁻³ effective Watts/cm²</p> <p>Germicidal Spectral Range: 235 – 307 nm, calibration wavelength at 270 nm</p> <p>Dimensions: 68 mm x 42 mm diameter</p> <p>Order part numbers: ILT5000*, SED240/ACT5/W (detector) * Software Included / Tablet PC Sold Separately</p>	<div><p>SED(SEL)240/ACT5/W SEL240/T2ACT5</p></div>

Applications: This detector has a weighted response and is specifically designed to measure the germicidal effectiveness of low-intensity, broad spectrum UV sources in accordance with the requirements within the IES Luckiesh and DIN standards.

Actinic Optical Radiation Hazard Detector

Specially designed with proprietary filtration for easy and accurate optical radiation hazard measurements in the UV Actinic range.

Measurement Range: 3.00×10^{-10} to 2.50×10^{-3} eff W/cm²

UV Actinic Hazard Spectral Range: 180 – 400 nm

Order part numbers: ILT5000*, SED240/ACT5/W (detector)

* Software Included / Tablet PC Sold Separately

Applications: This detector has been fitted with our proprietary UV Actinic Hazard filter giving the detector the required spectral response for taking UV optical radiation hazard measurements. Calibrated for readout in effective Watts per square centimeter. This system combination is capable of meeting UV hazard measurement standards that require instrumentation that can measure 0.1 microWatts per squared centimeter or better.

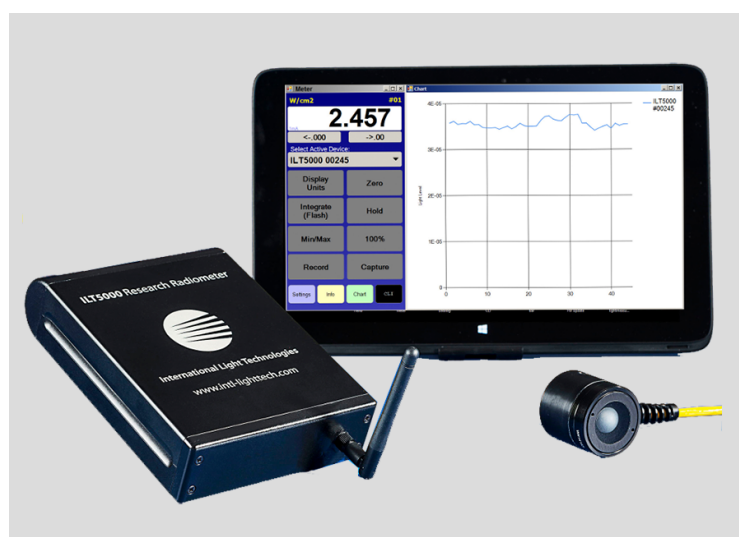


Filters and input optics are removable and may be ordered separately from the detector assembly to allow filter and input optic swapping

Note: For simultaneous multi-sensor data logging, ILT also offers the [ILT6000](#) Rack-Mount Radiometer System with the same specifications as the [ILT5000](#) in a 2-10 unit, rack mountable housing



Related



ILT5000, XSD140T254 254 nm UVC Measurement System



ILT5000,SED240/W Low-Intensity Germicidal UV Measurement System



ILT5000,SED240/QNDS2/W for Low Pressure Mercury Lamp Measurement



ILT5000,SED185/NS185 for Ozone Germicidal Lamp Measurement



ILT5000/SED270/QT Research UV Light Measurement System

Check out our wide array of other [Light Measurement Solutions](#)



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<input type="text" value="PRODUCT OF INTEREST"/>	

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Peabody, MA 01960

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