

# AvaLight-XE-MINI

(Available only in America)

**AVANTES**  
MEMBER OF THE RYNOMIC GROUP

## Pulsed Xenon Light Source



- Long Lifespan
- Perfect for Fluorescence
- Small Footprint for Easy Integration

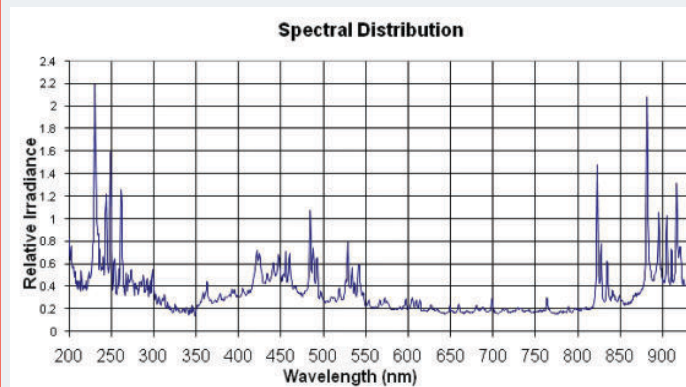
The AvaLight-XE-MINI Series is a pulsed xenon light source that is ideal for OEM integration in large or small systems. When connected to any of the AvaSpec spectrometers through the interface cable, spectra can be collected in synchronicity with the light source pulse rate. In AvaSoft the number of flashes per scan can be selected to optimize any application.

With a special DUV bulb the AvaLight-XE can be used for deep ultraviolet application (below 200 nm). Three versions are available: a standard Mini configuration, a high power, and a deep-UV. The source has an integrated potentiometer for optical power adjustment.

### Technical Data

	AvaLight-XE-Mini	AvaLight-XE-Mini-DUV	AvaLight-XE-Mini-HP
Spectral Output	200-1100nm	160-1100nm	200-1100nm
Total Optical Power Output	2W max	2W max	6W max
Synchronization Input	9-PIN D-Sub	9-PIN D-Sub	9-PIN D-Sub
Trigger	+5V, 20-50mA peak input	+5V, 20-50mA peak input	+5V, 20-50mA peak input
Pulse Delay	10-100µs pulse width, leading edge trigger	10-100µs pulse width, leading edge trigger	10-100µs pulse width, leading edge trigger
Pulse Rate (max.)	530 Hz	530 Hz	1579 Hz
Bulb Life	>1x10 <sup>9</sup> Flashes	>1x10 <sup>9</sup> Flashes	>1x10 <sup>9</sup> Flashes
Connector	SMA-905	SMA-905	SMA-905
Power Requirement	11-28 VDC/1.0A	11-28 VDC/1.0A	11-28 VDC/1.0A
Dimensions	29mm x 85mm x 44mm	29mm x 85mm x 44mm	99mm x 35mm x 44mm
Weight	200 grams	200 grams	500 grams

### Typical Xe Spectral Irradiance



## Ordering Information

AvaLight-XE-Mini	Miniature 2W Pulsed Xenon Light Source (200-1000 nm), needs interface cable and power supply
AvaLight-XE-Mini-HP	Miniature 6W Pulsed Xenon Light Source (200-1000 nm), needs interface cable and power supply
AvaLight-XE-Mini-DUV	Miniature 2W Pulsed Xenon Light Source (160-1000 nm); needs interface cable and power supply
ICPS-XE-Mini	Interface cable and power supply for 2W pulsed xenon source; includes PS12V-2.08
IC-PS-XE-Mini-M2	Interface cable and power supply for AvaLight-XE-Mini series of light sources for Standard AvaSpec-Mini (MK2); includes PS12V-2.08
IC-NXS-XE-PS	Interface cable and power supply for AvaLight-XE-MINI series of light sources for Standard AvaSpec-NEXOS; includes PS12V-2.08

Discover all our empowering spectroscopy solutions on our website [www.avantesusa.com](http://www.avantesusa.com)

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