AvaLight-XE High Power Pulsed Xenon

Perfect for ultraviolet applications like fluorescence, the AvaLight-XE-HP is a pulsed xenon light source. When connected to your AvaSpec spectrometer through the Y- cable, the flashes are synchronized with the data collected by the spectrometer. In AvaSoft the number of flashes per scan can be selected.

Compared to the Avalight-XE (2W), the XE-HP can provide significant more power. The AvaLight-XE-HP comes in a compact housing and is ideal for OEM integration.

AvaLight-XE-HP

Technical Data

Spectral Output	200 nm to 1000 nm
Total Optical Power output	max 6W / 39mJ per flash
Synchronization Input	9 pin sub-D connector, TTL level
Pulse rate (max.)	150 Hz
Long Life	$1,0 \times 10^9$ flashes
Connector	SMA-905 connector
Power requirement	11 -28 VDC/2.08A
Dimensions, weight	98 x 44 x 35 mm, 192 grams

Ordering Information

AvaLight-XE-HP	• 6W Xenon Light Source (200-1000 nm), with Y-cable for power and trigger connection. Needs extra PS-12V/2.08A power supply
PS-12V/2.08A	• Power supply 100-240VAC/12VDC, 2.08A for AvaLight-XE-HP