



# PHAZZLER™ 250-400nm Preliminary Specifications

## PH-SI-250-400 PHAZZLER™

### UV PHAZZLER™ operating from 250 to 400nm

#### FEMTOSECOND LASER PULSE MEASUREMENT SYSTEM

- **Includes FROG, AUTOCORRELATOR and SPECTRAL INTERFEROMETRY**
- **Includes T-UV-250-400 Dazzler**
- **Simple optical alignment**

▶ Wavelength range	250 nm to 400 nm*
▶ Pulse length measurement range in FROG and Autocorrelator mode (multiple shots technique)	20 fsec to 2 psec
▶ Pulse length measurement range in spectral interferometric mode (Single shot technique)	20 fsec to 4psec
▶ Spectral resolution	0.05 nm
▶ Maximum operation repetition rate	up to 25 KHz
▶ Acquisition repetition rate	200 Hz
▶ Minimum required input power	10 microJoules
▶ Optical power limit	1 GW/cm <sup>2</sup>
▶ Input polarization	Horizontal
▶ Maximum input diameter in mm	2.5

\*: Wavelengths outside this range are poorly or not diffracted

Product Specifications are subject to change at any time without prior notice  
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**FASTLITE**

tel: +33 1 45 30 12 96

<http://www.fastlite.com>

Fax: +33 1 45 30 12 97

E-mail: [information@fastlite.com](mailto:information@fastlite.com)

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