



DAZZLER™ T-UV-250-400 Specifications

TUNABLE UV DAZZLER™

PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

- **Ultra-compact device**
- **50mm crystal length**
- **In-line geometry**
- **Simple optical alignment**

▶ Wavelength operating range	250 nm to 400 nm
▶ Relative instantaneous bandwidth	up to 15%
▶ Spectral resolution	
▶ @ 250 nm	0,1 nm
▶ @ 400 nm	0,2 nm
▶ Maximum programmable delay	> 3.5 psec at 250 nm > 2.5 psec at 400 nm
▶ Efficiency at every wavelength*	> 20%

* the efficiency is defined for a 30fsec input pulse duration

▶ Optical power limit	0.4 GW/cm ²
▶ Maximum beam diameter in mm	3.5
▶ Typical acoustic waveform refreshing time	
✓Option T1: USB	1 sec
✓Option T2: GPIB	< 40 msec

Product Specifications are subject to change at any time without prior notice
© FASTLITE 2008. All rights reserved

FASTLITE

tel: +33 1 45 30 12 96
<http://www.fastlite.com>

Fax: +33 1 45 30 12 97
E-mail: information@fastlite.com

April 2 ,2008
T-UV-250-400-rev5