

WEDGE HF 355nm

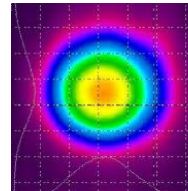
Spec. #: WHF18901

Diode Pumped Solid State Laser



MAIN FEATURES

- _ 355 nm
- _ 500 ps
- _ > 40uJ
- _ Compact Design
- _ Air Cooled



Technical Specifications

Output Wavelength	355	nm
Q-Switch Repetition Rate	10 to 50 (optional: Single Shot to 100 kHz)	kHz
Average Power	up to 0.8	W
Pulse Width	0.5 to 1	ns
Low Jitter Option (for direct Q-Switch driving)	< 300	ps
Pulse to Pulse energy stability (RMS)	< 10% @ 10kHz	
Polarization	Linear 100:1	
M ²	< 1.5 @ 10kHz	
Beam diameter (1/e ²)	< 1.5	mm
Pulse frequency control input	TTL (0 to 5V)	
Energy level control input	0 to 10 V (Analog)	
Cooling	Air Cooling, integrated thermostatic fan	
Power supply input	24 V DC – < 5A	
Control Connector	DB 25 pin	
Optional AC/DC power supply	100 – 230 VAC	
Size of the unit	18 x 9 x 7	cm ³
Weight	< 2	kg

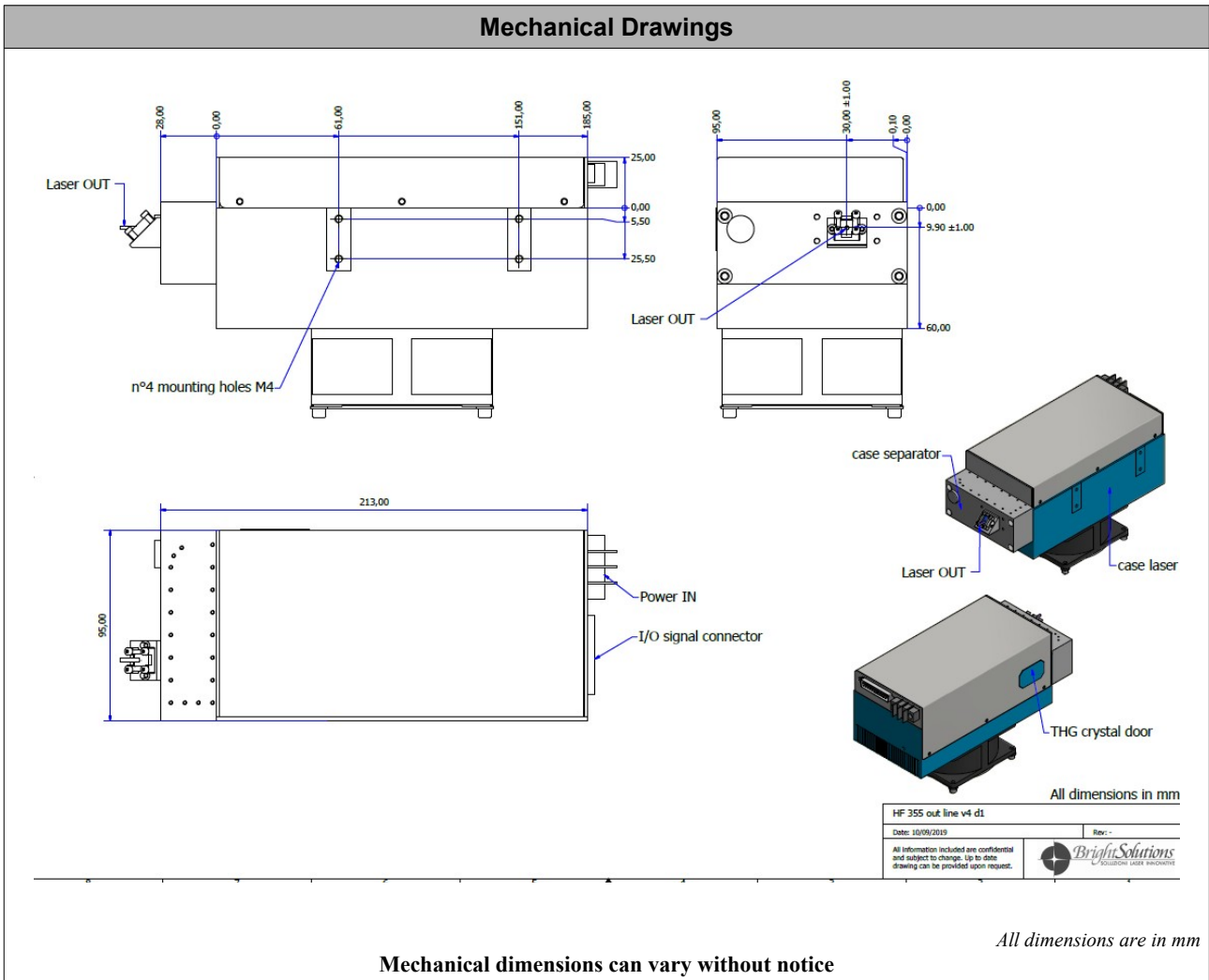


All information included in this document are subject to change without notice.

Updated data sheets can be provided on request.

For further details, please contact your local **Bright Solutions** sales representative or visit our website at www.brightsolutions.it

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Options Available:	Applications:
<ul style="list-style-type: none"> - 532nm, 1064nm collinear available beams - UV monitor photodiode 	<ul style="list-style-type: none"> - Ablation / Micromachining of thin films - LIDAR – LADAR - LIBS - Specialty Scribing / Material processing



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