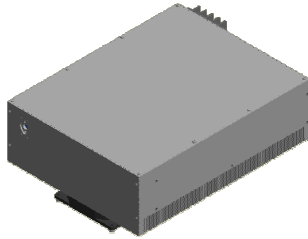


Nimbus-770

Spec. #: 24401

Customized DPSS Laser @ 770nm



MAIN FEATURES

- _ 770 nm
- _ < 4 ns
- _ > 400 μ J @ 770nm
- _ Compact Design
- _ Air Cooled

Technical Specifications

Output Wavelength	770	nm
Q-Switch Repetition Rate	Single Shot to 1	kHz
Max Pulse Energy @ SS to 1 kHz	> 400 @ 770nm	μ J
Pulse duration @ 1 kHz	< 4 @ 770nm	ns
Beam diameter (1/e ²)	2.0 \pm 0.5 @ 770nm	mm
Beam quality (M ²) @ 1 kHz	< 1.5 @ 770 nm (*)	
Beam roundness @ 1 kHz	> 85% @ 770 nm (*)	
Power stability @ 1064 nm	< 2 over 8 hours	%
Pulse Energy Stability RMS @ 770 nm	< 3 @ 1 kHz	%
Pulse Trigger Input	TTL (0 – 5V) – 100 kOhm	
Pulse jitter (ref. control connector pin3)	<4	ns
Power Level Input	Software controlled	
Power supply input	9V DC & 15V DC (< 200W)	
Size of the unit (excluding cooling fans)	35 \times 27 \times 11.5	cm ³
Weight	< 15	kg
Cooling	Air Cooling, integrated thermostatic fan	

(*) at a power level > 90% and after a proper warm-up phase



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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