

# 355nm UV Q-Switched Laser



## Specifications

Model Number	Q-UV355-800-DB
<b>Optical Specifications</b>	
Wavelength	355 nm
Center Wavelength Deviation	+/- 1 nm
Output Average Power	150 – 800 mW
Transverse Mode	Near TEM00
Ave Power Stability (over 4 hours)	< 5 % <sup>(1)</sup>
Operating Mode	Q-switched
Polarization Ratio	> 50:1
Beam Diameter at the Aperture (1/e <sup>2</sup> )	~ 2 mm
Beam Divergence (Full Angle)	< 2 mrad
Warm-up time	< 10 minutes
Beam Height from Base Plate	70 mm
Working Temperature	10 to 35 ° C
Cooling Mode	Air
Lifetime (MTTF)	5,000 hours
Warranty Time	1 year
<b>Mechanical Specifications</b>	
Dimension of Laser Head	321 (L) x 99 (W) x 94 (H) mm
Dimension of Power Supply	307 (L) x 150 (W) x 106 (H) mm
Dimensional Tolerances	+/- 1 mm
<b>Q- Switch Specifications</b>	
Single Pulse Energy	~ 90 μJ
Pulse duration	~ 7 ns
Peak Power	13000 W
Repetition Rate	3 - 5 kHz

(1) optional: < 3 %