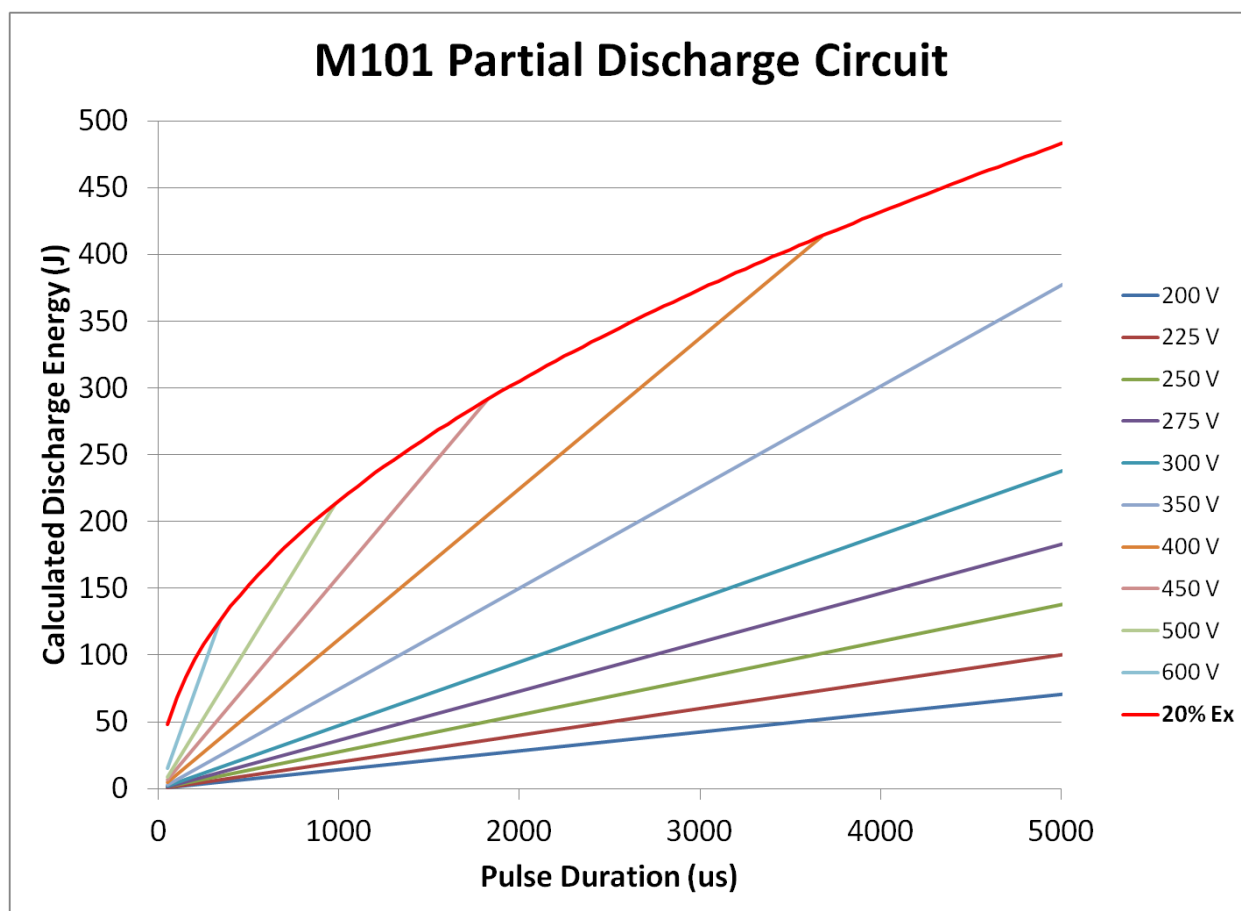


*MegaWatt Lasers, Inc.*

<b>M101</b>			
Description: Liquid Cooled Xenon flashlamp			
For use with MWL Pump Chamber series: 3X75, 4X75, 5X75			
Envelope: Cerium Doped Quartz (CDQ)			
Outside Diameter (mm)	5.0	Bore (mm)	3.7
Arc Length (mm)	65	Design O-ring spacing (mm)	113.7
Glass Length (mm)	123.4	Fill Gas	Xe
Pressure (torr)	600	Recommended Maximum Current Density, J, (kA/cm <sup>2</sup> )	3.6
Calculated Impedance parameter, K <sub>0</sub> , Ω√Amp)	23.8	Recommended Maximum Peak Current (Amps)	390
Calculated Lamp Explosion Constant, K <sub>E</sub> , (kW·sec <sup>0.5</sup> )	59.2	Recommended Maximum Discharge Voltage (Volts)	470

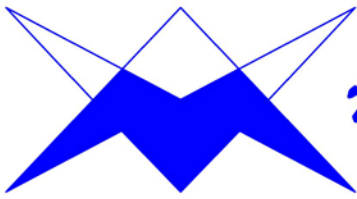


Graphical data is based upon calculated values

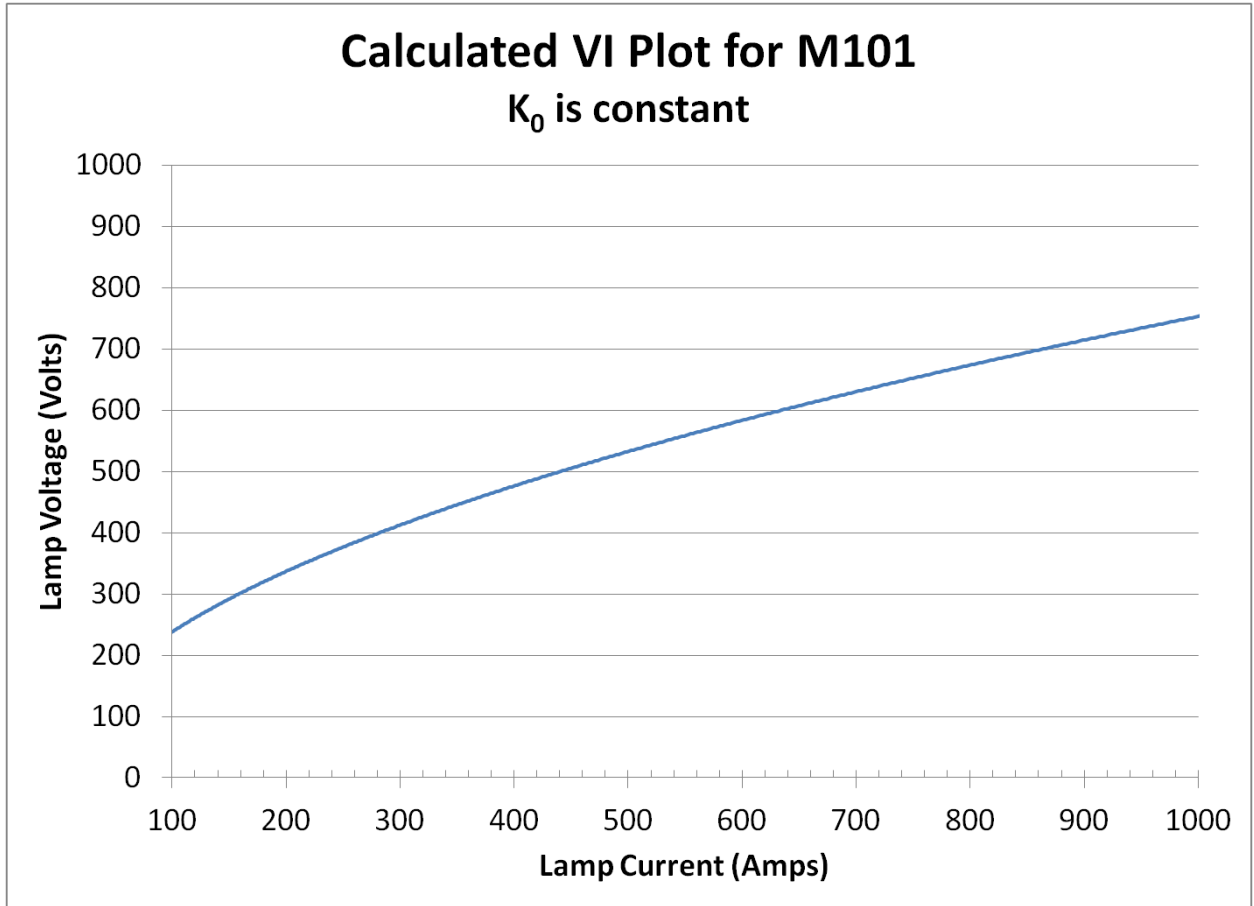
MWL20140716

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