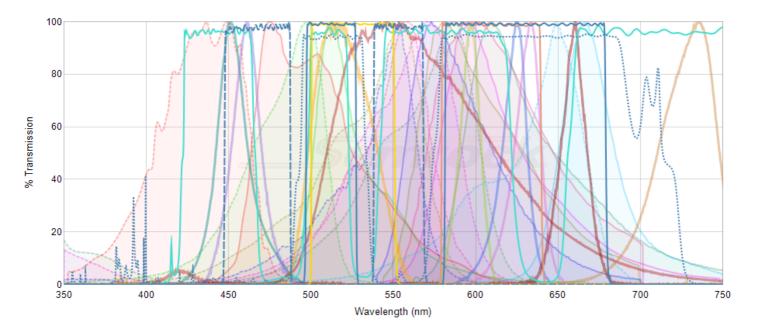
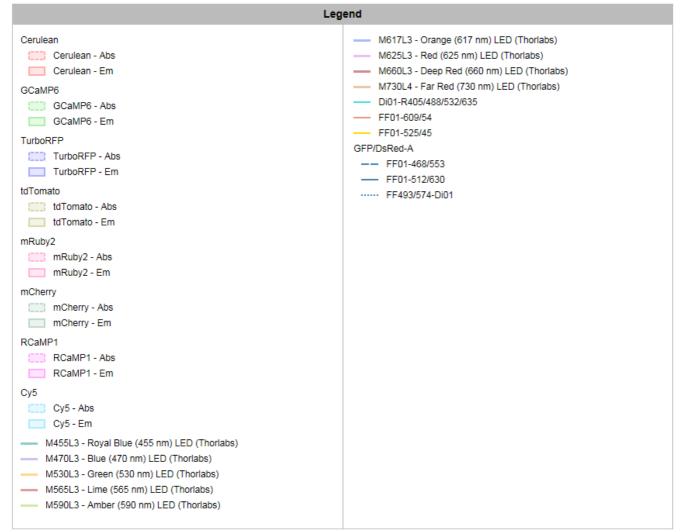
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ΑII

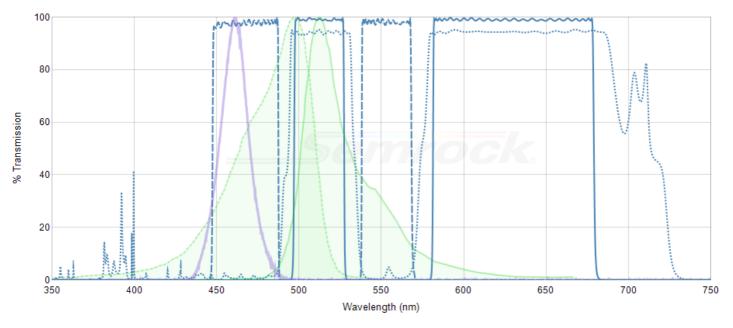


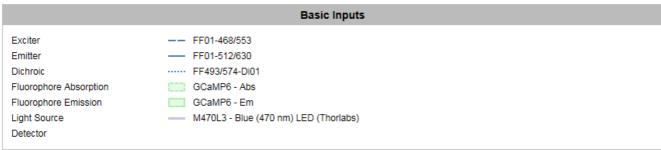


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System 1 Calculator





Advanced Inputs			
Light Source Power (mW)	100		
Numerical Aperture	0.5		
Index of Refraction	1		
Fluorophore Optical Depth (M cm)	1.00x10 ⁻¹²		
Fluorophore DMAC (M ⁻¹ cm ⁻¹)	8.00x10 ⁴		
Fluorophore Quantum Yield	0.5		
Reflected Excitation Light Factor	0.07		
Autofluorescence Light Factor	0.1		
Transmitted Excitation Light Factor	0.95		
Transmitted Emission Factor	0.95		

Output				
5.31x10 ⁻⁶				
5.01x10 ⁻⁹				
8.15x10 ⁻⁶				
0.651				
	5.01x10 ⁻⁹ 8.15x10 ⁻⁶	5.31x10 ⁻⁶ 5.01x10 ⁻⁹ 8.15x10 ⁻⁶		

