

A5 SE I

Parameter/Voltage/Fluorochrome List

Parameter - BP Filter OPV* Common Fluorochromes
UV; 355nm/60mw

UV379 - 379/34	540	BUV395
UV446 - 446/67	400	DAPI/Hoechst Blue
UV515 - 515/60	520	BUV496
UV540 - 540/20	540	
UV585 - 585/30	560	BUV563
UV610 - 610/30	560	BUV 615
UV660 - 660/30	620	BUV661/Hoechst Red
UV695 - 694-40	620	
UV736 - 736/64	500	BUV737
UV809 - 809/82	500	BUV805

Violet; 405nm/200mw

V427 - 427/25	540	BV421
V450 - 450/40	520	DAPI/eF450/V450/mTagBFP2/PacBlue
V470 - 470/15	560	BV480/V500/CFP
V510 - 510/40	580	BV510/AmCyan/Aqua L_D
V540 - 540/20	580	
V576 - 576/20	580	BV570/Zombie Yellow
V595 - 595/30	520	BV605
V615 - 615/25	580	
V660 - 660/30	580	BV650
V680 - 680/30	580	
V710 - 710/40	580	BV711
V750 - 750/40	440	BV750
V785 - 785/50	460	BV785 (786)
V845 - 845/70	480	

~450	FSC - Forward Scatter-Area
~250	SSC - Side Scatter-Area

Parameter - BP Filter Voltage Common Fluorochromes
Blue; 488nm/150mw

SSC - 488/10		SSC
B510 - 510/20	540	BB515/eGFP/CFSE
B537 - 537/32	560	FITC/eYFP/A488/A500/CFSE
B576 - 576/20	540	
B602 - 602/40	540	BB630/PI
B660 - 660/30	620	BB660/7AAD
B675 - 675/20	620	PerCP-Cy5.5
B710 - 710/50	640	BB700
B750 - 750/60	460	BB755
B810 - 810/79	480	BB790

Yellow-Green; 561nm/150mw

YG585 - 585/30	640	PE/BYG584/dsRed/RFP/tdTomato
YG602 - 602/40	600	A568/mRFP/PETxR/PECF594/mCherry
YG660 - 660/30	620	PE-Cy5
YG670 - 670/20	660	
YG695 - 695/40	580	PE-Cy5.5
YG730 - 730/50	460	
YG750 - 750/40	520	
YG780 - 780/60	480	PE-Cy7
YG825 - 825/49	500	

Red; 637nm/140mw

R660 - 660/30	680	APC/Alexa647
R675 - 675/20	660	
R680 - 680/30	660	A660
R710 - 710/25	500	A700/APC-Cy5.5
R730 - 730/50	480	
R780 - 780/60	460	APCCy7(H7)(Fire)/Alexa750/APCeF780

***OPV =Optimized/Balanced Voltages that should be used as starting voltages - NOT CST**
Instructions for loading starting voltages are on sheet attached to monitor