

FACSymphony S6 Optical Layout

	Mirror	Filters	Parameter	Detector	Channel	Optimal Voltage
488 nm 200 mW	770 LP	780/60 BP	BB790	A	7	480
	730 LP	750/30 BP	BB750	B	6	510
	690 LP	710/50 BP	BB700, PerCP-Cy5.5	C	5	630
	635 LP	670/30 BP	BB660, PerCP, 7AAD	D	4	540
	600 LP	610/20 BP	BB630	E	3	540
	505 LP	515/20 BP	BB515, FITC, GFP, AF488	F	2	540
		488/10 BP	SSC	G	1	
637 nm 140 mW	750 LP	780/60 BP	APC-Cy7	A	10	450
	690 LP	710/50 BP	Alexa-700	B	9	480
	650 LP	670/30 BP	APC, AF647	C	8	630
405 nm 200 mW	750 LP	780/60 BP	BV786	A	18	510
	735 LP	740/35 BP	BV750	B	17	510
	690 LP	710/50 BP	BV711	C	16	450
	635 LP	670/30 BP	BV650	D	15	600
	600 LP	610/20 BP	BV605	E	14	630
	550 LP	586/15 BP	BV570	F	13	600
	450 LP	470/14 BP	BV480, Pac Blue, eFlour 450	G	12	450
	410 LP	431/28 BP	BV421	H	11	450
355 nm 60 mW	770 LP	820/60 BP	BUV805	A	26	540
	690 LP	740/35 BP	BUV737	B	25	510
	635 LP	670/30 BP	BUV661	C	24	600
	595 LP	610/20 BP	BUV615	D	23	600
	550 LP	586/15 BP	BUV563	E	22	540
	450 LP	515/30 BP	BUV496	F	21	
	410 LP	450/50 BP	DAPI	G	20	
		379/28 BP	BUV396	H	19	540
561 nm 150 mW	750 LP	780/60 BP	PE-Cy7	A	31	450
	690 LP	710/50 BP	PE-Cy5.5	B	30	
	650 LP	670/30 BP	PE-Cy5, PI	C	29	570
	600 LP	610/20 BP	PE-CF594	D	28	540
	570 LP	586/15 BP	PE	E	27	600