

FACSymphony S6 System Optic Filter Guide

February, 25th, 2022

Laser	Detector	BP Filter	LP Filter	Default	Same Wavelength Dye
488 nm (Blue) (100 mW)	A	710/50	690LP	PerCP-Cy5.5	BB700, PerCP-Cy5.5
	B	515/20	505LP	FITC	FITC, BB515, GFP, CFSE, Alexa 488
	C	488/10	-	SSC	SSC
640 nm (Red) (100 mW)	A	780/60	750LP	APC-H7, APC-Cy7	APC-H7, APC-Cy7, APC-Alexa 750
	B	710/50	690LP	APC-R700, Alexa 700	APC-R700, Alexa 700
	C	670/30	650LP	APC, Alexa 647	APC, Alexa 647
405 nm (Violet) (100 mW)	A	780/60	750LP	BV786	BV786
	B	710/50	690LP	BV711	BV711
	C	670/30	635LP	BV650	BV650
	D	610/20	600LP	BV605	BV605
	E	525/50	505LP	BV510	BV480, BV510, V500, AmCyan, Aqua, Cascade Yellow, Lucifer Yellow, Pacific Orange, Alexa 430
	F	450/40	410LP	BV421	BV421, V450, Pacific Blue, Alexa 405, Cascade Blue, CFP
355 nm (UV) (60 mW)	A	740/35	690LP	BUV737	BUV737
	B	670/30	635LP	BUV661	BUV661
	C	515/30	450LP	BUV496	BUV496
	D	379/28		BUV395	BUV395
561 nm (Yellow-Green) (100 mW)	A	780/60	750LP	PE-Cy7	PE-Cy7
	B	710/50	690LP	PE-Cy5.5	PE-Cy5.5
	C	670/30	650LP	PE-Cy5	PE-Cy5
	D	610/20	600LP	PE-CF594	PE-CF594
	E	586/15	570LP	PE	PE