

Symphony A3 (R6609 & R0218)

Laser	Mirror	BP Filter	Primary Fluor	Other Suitable Fluors
UV 355nm 20mW		379/28	BUV395	StarBright UV 400, Spark UV 387
	450LP	515/30	BUV496	StarBright UV 510, DAPI, L/D Aqua
	550LP	586/15	BUV563	StarBright UV 575
	635LP	670/30	BUV661	StarBright UV 665
	690LP	740/35	BUV737	StarBright UV 740
	770LP	820/60	BUV805	StarBright UV 795
Violet 405nm 100mW	410LP	431/28	BV421	eFluor 450, VioBright V423, VioBlue, Horizon V450, Pacific Blue, DCV, SuperBright 436, StarBright Violet 440, Spark Violet 423
	450LP	515/30	BV510	StarBright Violet 515, BV480, VioGreen, Horizon V500, StarBright Violet 475, Spark Violet 538, Spark Violet 500, eFluor 506
	600LP	610/20	BV605	SuperBright 600, StarBright Violet 610
	635LP	670/30	BV650	SuperBright 645, StarBright Violet 670
	690LP	710/50	BV711	SuperBright 702, StarBright Violet 710
	750LP	780/60	BV785/BV786	SuperBright 780, StarBright Violet 790
Blue 488nm 100mW		488/10	SSC	
	505LP	515/20	FITC	BB515, GFP, AF488, Vio B515, VioBright B515, CFSE, NovaFluor Blue 510, KIRAVIA Blue 520, cFluor B515, SYTOX Green
	600LP	610/20	RB613	BB630, StarBright Blue 615, NovaFluor Blue 610-70S, NovaFluor Blue 610-30S
	690LP	710/50	PerCP-Cy5.5	BB700, RB705, PerCP-eF710, PerCP-Vio700, StarBright Blue 700, cFluor B690, NovaFluor Blue 690
	770LP	780/60	RB780	StarBright Blue 765, PerCP-Fire 780, StarBright Blue 810, PerCP-Fire 806, RB744

Yellow-Green 561nm 100mW	570LP	586/15	PE	RY586, StarBright Yellow 575, Spark YG 581, NovaFluor Yellow 590, cFluor YG584, tdTomato, RFP, DsRed, SYTOX Orange
	600LP	610/20	PE-CF594	PE-Dazzle 594, RY610, PE-eFluor 610, Starbright Yellow 605, PE-Texas Red, AF594, PE-Vio615, NovaFluor Yellow 610, cFluor BYG 610, PI, mCherry
	650LP	670/30	PE-Cy5	StarBright Yellow 665, PE-Vio670, NovaFluor Yellow 660, cFluor BYG667, 7-AAD
	750LP	780/60	PE-Cy7	PE-Vio770, StarBright Yellow 800, NovaFluor Yellow 755, PE-Fire 810
Red 637nm 140mW	650LP	670/30	APC	AF647, StarBright Red 670, Vio R677, eFluor 660, NovaFluor Red 660, cFluor R668, SYTOX Red
	690LP	710/50	AF700	StarBright Red 715, R718, APC-R700, VioBright R720, Spark Red 718, NovaFluor Red 710, cFluor R720, NovaFluor Red 725
	750LP	780/60	APC-Cy7	APC-eFluor780, StarBright Red 775, APC-Vio770, APC-H7, APC-Fire 750, NovaFluor Red 755, cFluor Red 780, Ghost Dye Red 780

Symphony A3 (R6609 & R0218)

Fortessa H0081 (X-30)

Laser	Mirror	BP Filter	Primary Fluor	Other Suitable Fluors
UV 355nm 20mW		379/28	BUV395	StarBright UV 400, Spark UV 387
	450LP	515/30	BUV496	StarBright UV 510, DAPI, L/D Aqua
	550LP	586/15	BUV563	StarBright UV 575
	635LP	670/30	BUV661	StarBright UV 665
	690LP	740/35	BUV737	StarBright UV 740
	770LP	820/60	BUV805	StarBright UV 795

Mirror	BP Filter	Primary Fluor	Laser
	379/28	BUV395	UV 355nm 20mW
410LP	450/50	Live/Dead Fixable Blue	
450LP	515/20	BUV496	
550LP	585/15	BUV563	
630LP	660/20	BUV661	
690LP	730/45	BUV737	
770LP	820/60	BUV805	

Violet 405nm 100mW	410LP	431/28	BV421	eFluor 450, VioBright V423, VioBlue, Horizon V450, Pacific Blue, DCV, SuperBright 436, StarBright Violet 440, Spark Violet 423
	450LP	515/30	BV510	StarBright Violet 515, BV480, VioGreen, Horizon V500, StarBright Violet 475, Spark Violet 538, Spark Violet 500, eFluor 506
	600LP	610/20	BV605	SuperBright 600, StarBright Violet 610
	635LP	670/30	BV650	SuperBright 645, StarBright Violet 670
	690LP	710/50	BV711	SuperBright 702, StarBright Violet 710
	750LP	780/60	BV785/786	SuperBright 780, StarBright Violet 790

	450/50	BV421	Violet 405nm 100mW
505LP	525/50	BV510	
556LP	586/15	BV570	
595LP	610/20	BV605	
635LP	655/12	BV650	
690LP	710/50	BV711	
735LP	740/35	BV750	
750LP	780/60	BV785/786	

Blue 488nm 100mW		488/10	SSC	
	505LP	515/20	FITC	BB515, GFP, AF488, Vio B515, VioBright B515, CFSE, NovaFluor Blue 510, KIRAVIA Blue 520, cFluor B515, SYTOX Green
	600LP	610/20	RB613	BB630, StarBright Blue 615, NovaFluor Blue 610-70S, NovaFluor Blue 610-30S
	690LP	710/50	PerCP-Cy5.5	BB700, RB705, PerCP-eF710, PerCP-Vio700, StarBright Blue 700, cFluor B690, NovaFluor Blue 690
	770LP	780/60	RB780	StarBright Blue 765, PerCP-Fire 780, StarBright Blue 810, PerCP-Fire 806, RB744

	488/10	SSC	Blue 488nm 50mW
505LP	525/50	FITC	
595LP	610/20	RB613	
635LP	660/20	BB660	
690LP	710/50	PerCP-Cy5.5	
755LP	780/60	RB780	

Yellow-Green 561nm 100mW	570LP	586/15	PE	RY586, StarBright Yellow 575, Spark YG 581, NovaFluor Yellow 590, cFluor YG584, tdTomato, RFP, DsRed, SYTOX Orange		582/15	PE	Yellow-Green 561nm 100 mW
	600LP	610/20	PE-CF594	PE-Dazzle 594, RY610, PE-eFluor 610, Starbright Yellow 605, PE-Texas Red, AF594, PE-Vio615, NovaFluor Yellow 610, cFluor BYG 610, PI, mCherry	595LP	610/20	PE-CF594	
	650LP	670/30	PE-Cy5	StarBright Yellow 665, PE-Vio670, NovaFluor Yellow 660, cFluor BYG667, 7-AAD	635LP	660/20	PE-Cy5	
					690LP	710/50	PE-Cy5.5	
	750LP	780/60	PE-Cy7	PE-Vio770, StarBright Yellow 800, NovaFluor Yellow 755, PE-Fire 810	750LP	780/60	PE-Cy7	
Red 637nm 140mW	650LP	670/30	APC	AF647, StarBright Red 670, Vio R677, eFluor 660, NovaFluor Red 660, cFluor R668, SYTOX Red		670/30	APC	Red 640nm 100mW
	690LP	710/50	AF700	StarBright Red 715, R718, APC-R700, VioBright R720, Spark Red 718, NovaFluor Red 710, cFluor R720, NovaFluor Red 725	710LP	730/45	AF700	
	750LP	780/60	APC-Cy7	APC-eFluor780, StarBright Red 775, APC-Vio770, APC-H7, APC-Fire 750, NovaFluor Red 755, cFluor Red 780, Ghost Dye Red 780	750LP	780/60	APC-Cy7	

Symphony A3 (R6609 & R0218)					Fortessa X-20			
Laser	Mirror	BP Filter	Primary Fluor	Other Suitable Fluors	Mirror	BP Filter	Primary Fluor	Laser
UV 355nm 20mW		379/28	BUV395	StarBright UV 400, Spark UV 387	370LP	379/28	BUV 395	UV 355nm 15mW
	450LP	515/30	BUV496	StarBright UV 510, DAPI, L/D Aqua	450LP	515/20	BUV 496	
	550LP	586/15	BUV563	StarBright UV 575				
	635LP	670/30	BUV661	StarBright UV 665				
	690LP	740/35	BUV737	StarBright UV 740	690LP	730/45	BUV 737	
	770LP	820/60	BUV805	StarBright UV 795	750LP	785/62	BUV 805	
Violet 405nm 100mW	410LP	431/28	BV421	eFluor 450, VioBright V423, VioBlue, Horizon V450, Pacific Blue, DCV, SuperBright 436, StarBright Violet 440, Spark Violet 423	420LP	450/50	BV421	Violet 405nm 50mW
	450LP	515/30	BV510	StarBright Violet 515, BV480, VioGreen, Horizon V500, StarBright Violet 475, Spark Violet 538, Spark Violet 500, eFluor 506	505LP	525/50	BV510	
	600LP	610/20	BV605	SuperBright 600, StarBright Violet 610	595LP	610/20	BV605	
	635LP	670/30	BV650	SuperBright 645, StarBright Violet 670	635LP	655/12	BV650	
	690LP	710/50	BV711	SuperBright 702, StarBright Violet 710	690LP	710/50	BV711	
	750LP	780/60	BV785/786	SuperBright 780, StarBright Violet 790	750LP	780/60	BV785/786	
Blue 488nm 100mW		488/10	SSC			488/10	SSC	Blue 488nm 50mW
	505LP	515/20	FITC	BB515, GFP, AF488, Vio B515, VioBright B515, CFSE, NovaFluor Blue 510, KIRAVIA Blue 520, cFluor B515, SYTOX Green	505LP	525/50	FITC	
	600LP	610/20	RB613	BB630, StarBright Blue 615, NovaFluor Blue 610-70S, NovaFluor Blue 610-30S				
	690LP	710/50	PerCP-Cy5.5	BB700, RB705, PerCP-eF710, PerCP-Vio700, StarBright Blue 700, cFluor B690, NovaFluor Blue 690	635LP	695/40	PerCP-Cy5.5	
	770LP	780/60	RB780	StarBright Blue 765, PerCP-Fire 780, StarBright Blue 810, PerCP-Fire 806, RB744				

Yellow-Green 561nm 100mW	570LP	586/15	PE	RY586, StarBright Yellow 575, Spark YG 581, NovaFluor Yellow 590, cFluor YG584, tdTomato, RFP, DsRed, SYTOX Orange	580LP	586/15	PE	Yellow-Green 561 nm 50 mW		
	600LP	610/20	PE-CF594	PE-Dazzle 594, RY610, PE-eFluor 610, Starbright Yellow 605, PE-Texas Red, AF594, PE-Vio615, NovaFluor Yellow 610, cFluor BYG 610, PI, mCherry		595LP	610/20		PE-CF594	
	650LP	670/30	PE-Cy5	StarBright Yellow 665, PE-Vio670, NovaFluor Yellow 660, cFluor BYG667, 7-AAD						
	750LP	780/60	PE-Cy7	PE-Vio770, StarBright Yellow 800, NovaFluor Yellow 755, PE-Fire 810		750LP	780/60		PE-Cy7	
Red 637nm 140mW	650LP	670/30	APC	AF647, StarBright Red 670, Vio R677, eFluor 660, NovaFluor Red 660, cFluor R668, SYTOX Red		670/30	APC	Red 640 nm 100mW		
	690LP	710/50	AF700	StarBright Red 715, R718, APC-R700, VioBright R720, Spark Red 718, NovaFluor Red 710, cFluor R720, NovaFluor Red 725	710 LP	730/45	AF700			
	750LP	780/60	APC-Cy7	APC-eFluor780, StarBright Red 775, APC-Vio770, APC-H7, APC-Fire 750, NovaFluor Red 755, cFluor Red 780, Ghost Dye Red 780	750 LP	780/60	APC-Cy7			