

				AJ US Darkroom Emission Filters									
		P/N	38-0361-01	38-0352-01	38-0340-01	38-0344-01	38-0220-01/03	38-0341-01	38-0339-01	38-0369-01	38-0362-01	38-0365-01	38-0368-01
		Wavelength	465-495	503-523	513-557	565-625	580-630	607-682	668-722	700-740	767-807	780lp**	800lp***
Part Number (Auto eLITE)	Wavelength	Peak nm	480	513	535	595	605	645	695	720	787	NA	NA
38-0358-04	450sp*	NA	CFP (mice)			SYPRO® Ruby							
38-0340-04	455-495	475	GFP (mice)	Alexa Fluor® 488, CF™ 488A, Cy2®, Fluo, FITC, FAM, GFP (gels, blots, plants), Oregon Green 488®, Rhodamine Green, 110, SYBR® Green, Gold, Safe, YFP, MultiFluor Blue, Dylight 488		SYPRO® Orange		SYPRO® Tangerine					
38-0344-04	502-547	525				Alexa Fluor® 546, 555, CF™ 543, 555, Cy3®, MultiFluor Green, DyLight 550	Ethidium Bromide (-01), Deep Purple, RFP	Propidium Iodide					
38-0341-04	533-587	560						Alexa Fluor® 568, 594, CF™ 568, 594, 620R, Rhodamine Red, 6G, B, SYPRO® Red, Texas Red®	RedDot™1, RedDot™2				
38-0359-04	600-645	630							Alexa Fluor® 633, 647, CF™ 633, 640R, 647, 660C, 660R, Cy5® & 5.5, MultiFluor Red, DyLight 633, 650, 680/680B, Alexa Fluor 680, RedDot™1, RedDot™2	IRDye® 680, CF™ 680, RedDot™1, RedDot™2			
38-0360-04	687-748	715									Alexa Fluor® 750, CF™ 750, Cy7®, RedDot™1, RedDot™2	Alexa Fluor® 750, CF™ 750	
38-0371-04	700-740	720									CF™ 750	CF™ 750	Multiplexing IRDye® 680 & 800 or CF™ 680 & 770 (See Below)
38-0370-04	750-780	765											IRDye® 800, CF™ 770, 790
Excited by UV Source (not BioLite)					Qdot™ 525			Qdot™ 655					

* 450 short pass filter. Can accommodate wavelengths 380-450nm
 ** 780 long pass filter. Can accommodate wavelengths above 780nm
 *** 800 long pass filter. Can accommodate wavelengths above 800nm

MULTIPLEXING

To view IRDye® 680 and IRDye® 800 samples simultaneously, use excitation filter 38-0371-04 or 38-0371-03 and emission filter 38-0368-01
 To view CF™ 680 and CF™ 770 samples simultaneously, use excitation filter 38-0371-04 or 38-0371-03 and emission filter 38-0368-01