

UVP Darkroom Emission Filters																				
				Part Number	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	707-752	767-807	780lp**	800lp***					
				Part Number (Auto eLite)	Part Number (Manual eLite)	Wavelength	Peak nm	480	513	535	595	605	645	695	720	787	NA	NA		
Excitation Filters for UVP eLite	38-0358-04	38-0358-03	450sp*	NA	CFP (mice)			SYPRO® Ruby												
	38-0340-04	38-0340-03	380-495	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	38-0344-03	502-547	525				Alexa Fluor® 546, 555, CF™543, 555, Cy3®, MultiFluor Green, DyLight 550	Ethidium Bromide, Deep Purple, RFP	Propidium Iodide										
	38-0341-04	38-0341-03	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	38-0359-03	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	38-0360-03	687-748	715										Alexa Fluor® 750, CF™750, RedDot™1, RedDot™2	Alexa Fluor® 750, CF™750	Multiplexing IRDye® 680 & 800 or CF™ 680 & 770				
	38-0370-04	38-0370-03	750-780	765															IRDye® 800, CF™ 770, 790, Cy7®	
Excited by UV Source (not eLite)							Qdot™ 525		Qdot™ 585	Qdot™ 655										

* 450 short pass filter. Can accommodate wavelengths 380-450nm based on eLite energy emission
 ** 780 long pass filter. Can accommodate wavelengths above 780nm
 *** 800 long pass filter. Can accommodate wavelengths above 800nm

FILTER SELECTION CHART
analytikjena
 An Endress+Hauser Company

UVP ChemStudio Series LED Excitation Source
 Blue LED peak 455nm, manufacturer recommend using 38-0340-01 emission filter.
 Green LED peak 525nm, manufacturer recommends using 38-0341-01 emission filter.
 Red LED peak 635 nm, manufacturer recommends 38-0369-01 emission filter.