

Epifluorescence											
Objectives		Pixel size with Camera: Photometrics Evolve 512x512, 10MHz,	Pixel size with Camera: Kino coolsnap 1940 x 1460,	Light source: Héliophor				Light source: Lambda XL short arc mercury lamp			
Type	NA			LED channel	Fluorescence Cube filter	Excitation λ (peak/Full Width at ½ max)	dichroic beamsplitter	Emission λ (peak/Full Width at ½ max)	Fluorescence excitation Cube filter	Excitation λ (peak/Full Width at ½ max)	Emission λ (peak/Full Width at ½ max)
CFI 10x Plan Apo lambda; DRY; WD 45mm; CS 0,17mm	0.45			LED 405nm (402nm/15nm), 175mW	<a href="#">DAPI 31000v2</a>	removed	BS 400DCLP	EM D460/50M	3-BCECF-2	495/10	
CFI PLAN APO 20X LAMBDA	0.75	0.8/0.53	0.45/0.30		#3-BCECF (GFP)		BS 515	EM 535/25	4-BCECF-1	440/20	
CFI 40X Plan Apo Lambda; DRY; WD 0,21mm; CS 0,11-0.23mm	0.95	0.4/0.27	0.23/0.15	LED 480 nm (475/50), 450mW	#5-Custom 515/FM4-64		BS 515	EM550LP	5-Fura 2a	340/16	
CFI 60x Plan Apo Lambda, oil, WDO. 130mm	1.4	0.27/0.18	0.15/0.10	LED 555nm (560/50), 365mW	mCherry/TxRed	ET560/40	BS T585LP	ET630/75	6-Fura 2b	380/12	
100X Plan Apo lambda; Oil; WD 0,13mm; CS 0,17mm	1.45	0.16/0.11	0.09/0.06	LED 640nm, (635/60) 240mW					7-CFP	430/24	
				ALL LED	#4-Quad custom			425-477 + 503-542 + 571-628 + 661-728	8-YFP	500/20	
				LED 480	<a href="#">CFP/YFP 51017</a>	removed	BS 462/25 + 520LP	EM 466/25 + 543/40	9-mCherry	577/25	
				LED 480 and 555	<a href="#">CFP/YFP/mcherry 69</a> <a href="#">ET/mch/TR 96365</a> <a href="#">ET FURA2 79001</a>	ET430/24x + ET500/20 + ET 577/25x ET560/40 ET340 + ET 380	450-490 + 510-565 + 590-680 T585LP T400LP	457-480 + 520-550 + 600-680 ET630/75m ETS10/80m			