

# MAGNIFICATION CHART

		OBJECTIVE LENS																			
		175				200				250				300				400			
eyepiece	position of button	magnification		field		magnification		field		magnification		field		magnification		field		magnification		field	
		f 135	f170	f 135	f170	f 135	f170	f 135	f170	f 135	f170	f 135	f170	f 135	f170	f 135	f170	f 135	f170	f 135	f170
10x/18mm	1 ( 0.6x )	4.63	5.83	38.89	30.88	4.05	5.10	44.44	35.29	3.24	4.08	55.56	44.12	2.70	3.40	66.67	52.94	2.03	2.55	88.89	70.59
	2 ( 1x )	7.71	9.71	23.33	18.53	6.75	8.50	26.67	21.18	5.40	6.80	33.33	26.47	4.50	5.67	40.00	31.76	3.38	4.25	53.33	42.35
	3 ( 1.6x )	12.86	16.19	14.00	11.12	11.25	14.17	16.00	12.71	9.00	11.33	20.00	15.88	7.50	9.44	24.00	19.06	5.63	7.08	32.00	25.41
12.5x/18	1 ( 0.6x )	5.79	7.29	38.89	30.88	5.06	6.38	44.44	35.29	4.05	5.10	55.56	44.12	3.38	4.25	66.67	52.94	2.53	3.19	88.89	70.59
	2 ( 1x )	9.64	12.14	23.33	18.53	8.44	10.63	26.67	21.18	6.75	8.50	33.33	26.47	5.63	7.08	40.00	31.76	4.22	5.31	53.33	42.35
	3 ( 1.6x )	16.07	20.24	14.00	11.12	14.06	17.71	16.00	12.71	11.25	14.17	20.00	15.88	9.38	11.81	24.00	19.06	7.03	8.85	32.00	25.41
16x/16	1 ( 0.6x )	7.41	9.33	34.57	27.45	6.48	8.16	39.51	31.37	5.18	6.53	49.38	39.22	4.32	5.44	59.26	47.06	3.24	4.08	79.01	62.75
	2 ( 1x )	12.34	15.54	20.74	16.47	10.80	13.60	23.70	18.82	8.64	10.88	29.63	23.53	7.20	9.07	35.56	28.24	5.40	6.80	47.41	37.65
	3 ( 1.6x )	20.57	25.90	12.44	9.88	18.00	22.67	14.22	11.29	14.40	18.13	17.78	14.12	12.00	15.11	21.33	16.94	9.00	11.33	28.44	22.59
20x/12	1 ( 0.6x )	9.26	11.66	25.93	20.59	8.10	10.20	29.63	23.53	6.48	8.16	37.04	29.41	5.40	6.80	44.44	35.29	4.05	5.10	59.26	47.06
	2 ( 1x )	15.43	19.43	15.56	12.35	13.50	17.00	17.78	14.12	10.80	13.60	22.22	17.65	9.00	11.33	26.67	21.18	6.75	8.50	35.56	28.24
	3 ( 1.6x )	25.71	32.38	9.33	7.41	22.50	28.33	10.67	8.47	18.00	22.67	13.33	10.59	15.00	18.89	16.00	12.71	11.25	14.17	21.33	16.94
illuminated field		59				68				85				101				136			