

MAGNIFICATION CHART

		OBJECTIVE LENS																			
		175				200				250				300				400			
		magnification		field		magnification		field		magnification		field		magnification		field		magnification		field	
eyepiece	position of button	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 (0.4x)	3.09	3.89	58.33	46.32	2.70	3.40	66.67	52.94	2.16	2.72	83.33	66.18	1.80	2.27	100.00	79.41	1.35	1.70	133.33	105.88
	2 (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
	3 (0.78x)	6.02	7.58	29.91	23.76	5.27	6.63	34.19	27.15	4.21	5.30	42.74	33.94	3.51	4.42	51.28	40.72	2.63	3.32	68.38	54.30
	4 (1.28x)	9.89	12.45	18.20	14.45	8.65	10.90	20.80	16.52	6.92	8.72	26.00	20.65	5.77	7.26	31.20	24.78	4.33	5.45	41.60	33.04
	5 (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
	6 (2.5x)	19.29	24.29	9.33	7.41	16.88	21.25	10.67	8.47	13.50	17.00	13.33	10.59	11.25	14.17	16.00	12.71	8.44	10.63	21.33	16.94
12.5x/18mm	1 (0.4x)	3.86	4.86	58.33	46.32	3.38	4.25	66.67	52.94	2.70	3.40	83.33	66.18	2.25	2.83	100.00	79.41	1.69	2.13	133.33	105.88
	2 (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
	3 (0.78x)	7.52	9.47	29.91	23.76	6.58	8.29	34.19	27.15	5.27	6.63	42.74	33.94	4.39	5.53	51.28	40.72	3.29	4.14	68.38	54.30
	4 (1.28x)	12.36	15.57	18.20	14.45	10.82	13.62	20.80	16.52	8.65	10.90	26.00	20.65	7.21	9.08	31.20	24.78	5.41	6.81	41.60	33.04
	5 (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
	6 (2.5x)	24.11	30.36	9.33	7.41	21.09	26.56	10.67	8.47	16.88	21.25	13.33	10.59	14.06	17.71	16.00	12.71	10.55	13.28	21.33	16.94
16x/16mm	1 (0.4x)	4.94	6.22	51.85	41.18	4.32	5.44	59.26	47.06	3.46	4.35	74.07	58.82	2.88	3.63	88.89	70.59	2.16	2.72	118.52	94.12
	2 (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
	3 (0.78x)	9.63	12.12	26.59	21.12	8.42	10.61	30.39	24.13	6.74	8.49	37.99	30.17	5.62	7.07	45.58	36.20	4.21	5.30	60.78	48.27
	4 (1.28x)	15.82	19.93	16.18	12.85	13.85	17.44	18.49	14.68	11.08	13.95	23.11	18.35	9.23	11.62	27.73	22.02	6.92	8.72	36.98	29.36
	5 (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
	6 (2.5x)	30.86	38.86	8.30	6.59	27.00	34.00	9.48	7.53	21.60	27.20	11.85	9.41	18.00	22.67	14.22	11.29	13.50	17.00	18.96	15.06
20x/12mm	1 (0.4x)	6.17	7.77	38.89	30.88	5.40	6.80	44.44	35.29	4.32	5.44	55.56	44.12	3.60	4.53	66.67	52.94	2.70	3.40	88.89	70.59
	2 (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
	3 (0.78x)	12.03	15.15	19.94	15.84	10.53	13.26	22.79	18.10	8.42	10.61	28.49	22.62	7.02	8.84	34.19	27.15	5.27	6.63	45.58	36.20
	4 (1.28x)	19.78	24.91	12.13	9.64	17.31	21.79	13.87	11.01	13.85	17.44	17.33	13.76	11.54	14.53	20.80	16.52	8.65	10.90	27.73	22.02
	5 (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
	6 (2.5x)	38.57	48.57	6.22	4.94	33.75	42.50	7.11	5.65	27.00	34.00	8.89	7.06	22.50	28.33	10.67	8.47	16.88	21.25	14.22	11.29
illuminated field		59				68				85				101				136			