



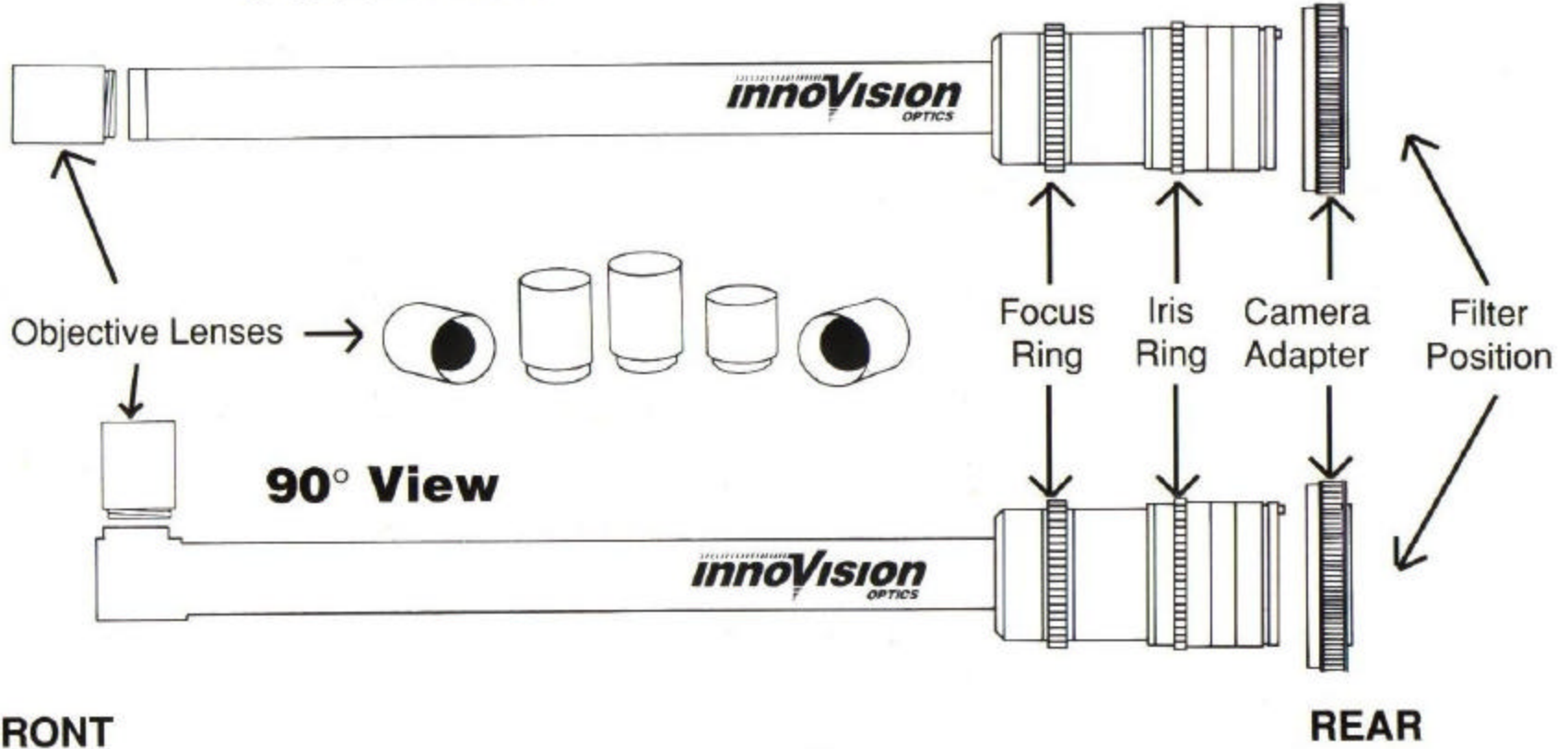
1719 21st Street Santa Monica, CA 90404



35mm Probe I Lens System Manual & Depth of Field Charts

For additional technical support
Please Call InnoVision Optics at 310-453-4866

Direct View



Warning: This lens is NOT waterproof

35mm Probe I Minimum Focus Chart

Lens	Minimum Focus
10mm	0.3 Inch
14mm	0.5 Inch
16mm	1.3 Inches
24mm	2 Inches
32mm	5 Inches
50mm	11 Inches
75mm	22 Inches
100mm	45 Inches

35mm Probe I	LENS: 32 mm
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Circle of Confusion: 0.001

T-Stop

	Distance(in)	4	5	6	7	8	9	10	11	12
16	Near	3.845	4.760	5.658	6.539	7.403	8.251	9.084	9.902	10.705
	Far	4.168	5.265	6.386	7.531	8.702	9.898	11.121	12.372	13.651
22	Near	3.790	4.676	5.539	6.381	7.201	8.002	8.783	9.545	10.289
	Far	4.235	5.372	6.544	7.752	8.998	10.283	11.609	12.979	14.394
32	Near	3.701	4.542	5.353	6.134	6.889	7.618	8.322	9.003	9.662
	Far	4.351	5.561	6.826	8.150	9.538	10.995	12.525	14.135	15.830
45	Near	3.593	4.379	5.128	5.841	6.521	7.170	7.791	8.385	8.954
	Far	4.512	5.826	7.230	8.733	10.347	12.083	13.957	15.985	18.188
64	Near	3.444	4.161	4.831	5.459	6.049	6.604	7.126	7.620	8.087
	Far	4.769	6.263	7.915	9.753	11.810	14.127	16.757	19.768	23.250

T-Stop

	Distance(in)	14	16	18	20	22	24	30	36	48
16	Near	12.269	13.778	15.235	16.644	18.007	19.325	23.034	26.414	32.348
	Far	16.300	19.077	21.990	25.050	28.269	31.660	43.006	56.506	93.000
22	Near	11.725	13.096	14.406	15.659	16.859	18.009	21.189	24.016	28.823
	Far	17.371	20.560	23.984	27.671	31.652	35.964	51.355	71.855	143.421
32	Near	10.918	12.098	13.207	14.253	15.240	16.174	18.693	20.860	24.393
	Far	19.506	23.619	28.253	33.513	39.536	46.500	75.918	131.293	1487.911
45	Near	10.022	11.007	11.918	12.763	13.549	14.282	16.211	17.816	20.331
	Far	23.214	29.284	36.760	46.193	58.470	75.104	200.740	INFINITY	INFINITY
64	Near	8.948	9.725	10.430	11.071	11.658	12.197	13.577	14.684	16.352
	Far	32.148	45.091	65.647	103.332	194.854	743.955	INFINITY	INFINITY	INFINITY

35mm Probe I**LENS: 50 mm**

Circle of Confusion: 0.001

T-Stop

Distance(in)	10	11	12	13	14	15	16	17	18	
16	Near	9.603	10.522	11.433	12.338	13.235	14.125	15.008	15.885	16.755
	Far	10.431	11.523	12.626	13.737	14.859	15.990	17.132	18.283	19.445
22	Near	9.463	10.353	11.235	12.106	12.969	13.823	14.668	15.504	16.331
	Far	10.602	11.733	12.877	14.036	15.209	16.396	17.599	18.816	20.049
32	Near	9.237	10.084	10.918	11.740	12.549	13.347	14.133	14.907	15.671
	Far	10.900	12.099	13.320	14.563	15.830	17.121	18.436	19.776	21.143
45	Near	8.960	9.754	10.532	11.295	12.042	12.775	13.493	14.197	14.888
	Far	11.314	12.611	13.943	15.312	16.718	18.164	19.651	21.182	22.757
64	Near	8.583	9.309	10.015	10.702	11.371	12.022	12.656	13.273	13.875
	Far	11.978	13.442	14.966	16.554	18.211	19.940	21.747	23.637	25.615

T-Stop

Distance(in)	20	22	24	26	28	30	36	48	60	
16	Near	18.474	20.168	21.836	23.479	25.098	26.693	31.341	40.060	48.087
	Far	21.800	24.198	26.640	29.127	31.660	34.242	42.286	59.865	79.760
22	Near	17.961	19.557	21.122	22.656	24.159	25.634	29.891	37.721	44.755
	Far	22.562	25.140	27.786	30.503	33.292	36.159	45.248	65.981	90.998
32	Near	17.165	18.618	20.030	21.404	22.742	24.043	27.750	34.374	40.121
	Far	23.957	26.884	29.932	33.109	36.422	39.880	51.230	79.521	118.926
45	Near	16.230	17.523	18.769	19.970	21.130	22.249	25.387	30.820	35.361
	Far	26.050	29.549	33.274	37.246	41.491	46.040	61.862	108.455	197.871
64	Near	15.034	16.137	17.187	18.189	19.146	20.060	22.576	26.774	30.136
	Far	29.865	34.556	39.761	45.568	52.088	59.463	88.797	231.630	6641.400

35mm Probe I**LENS: 75 mm**Circle of Confusion: **0.001**

T-Stop

Distance(in)		20	22	24	26	28	30	32	34	36
16	Near	19.292	21.146	22.988	24.816	26.632	28.435	30.225	32.003	33.769
	Far	20.762	22.926	25.106	27.303	29.517	31.748	33.996	36.263	38.547
22	Near	19.039	20.843	22.630	24.399	26.152	27.889	29.609	31.314	33.002
	Far	21.063	23.293	25.547	27.826	30.129	32.457	34.811	37.191	39.597
32	Near	18.632	20.356	22.057	23.735	25.391	27.024	28.637	30.228	31.799
	Far	21.584	23.932	26.318	28.743	31.207	33.712	36.258	38.848	41.481
45	Near	18.129	19.757	21.355	22.924	24.464	25.978	27.464	28.924	30.359
	Far	22.302	24.818	27.393	30.030	32.730	35.496	38.331	41.236	44.216
64	Near	17.440	18.941	20.405	21.833	23.226	24.586	25.913	27.209	28.475
	Far	23.441	26.237	29.132	32.133	35.244	38.472	41.824	45.308	48.930

T-Stop

Distance(in)		38	40	42	44	46	48	50	60	72
16	Near	35.523	37.265	38.994	40.713	42.419	44.114	45.798	54.049	63.597
	Far	40.849	43.169	45.507	47.865	50.241	52.637	55.051	67.424	82.962
22	Near	34.675	36.333	37.975	39.603	41.216	42.814	44.398	52.111	60.930
	Far	42.030	44.491	46.979	49.495	52.040	54.615	57.219	70.704	87.985
32	Near	33.349	34.879	36.390	37.882	39.356	40.810	42.247	49.172	56.950
	Far	44.159	46.883	49.654	52.474	55.344	58.265	61.238	76.944	97.860
45	Near	31.769	33.155	34.518	35.857	37.174	38.470	39.744	45.813	52.493
	Far	47.271	50.406	53.624	56.928	60.321	63.808	67.391	86.916	114.579
64	Near	29.712	30.921	32.103	33.258	34.388	35.494	36.576	41.654	47.105
	Far	52.700	56.627	60.720	64.991	69.451	74.113	78.992	107.225	152.709

35mm Probe I	LENS: 100 mm
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Circle of Confusion: **0.001**

T-Stop

	Distance(in)	40	41	42	43	44	45	46	47	48
16	Near	38.414	39.335	40.255	41.172	42.088	43.002	43.915	44.825	45.734
	Far	41.723	42.812	43.903	44.997	46.094	47.192	48.293	49.397	50.502
22	Near	37.851	38.745	39.637	40.527	41.414	42.298	43.181	44.061	44.938
	Far	42.408	43.533	44.662	45.795	46.931	48.070	49.213	50.359	51.509
32	Near	36.949	37.800	38.649	39.494	40.336	41.175	42.010	42.843	43.672
	Far	43.601	44.791	45.988	47.189	48.396	49.609	50.827	52.051	53.280
45	Near	35.838	36.639	37.435	38.228	39.016	39.800	40.581	41.357	42.129
	Far	45.255	46.540	47.832	49.134	50.444	51.763	53.090	54.427	55.772
64	Near	34.330	35.064	35.793	36.517	37.235	37.949	38.658	39.361	40.060
	Far	47.913	49.355	50.812	52.283	53.769	55.269	56.786	58.317	59.865

T-Stop

	Distance(in)	50	52	54	56	58	60	66	72	84
16	Near	47.546	49.351	51.149	52.940	54.724	56.501	61.790	67.019	77.298
	Far	52.721	54.950	57.188	59.436	61.694	63.961	70.825	77.781	91.975
22	Near	46.687	48.426	50.156	51.877	53.588	55.291	60.347	65.324	75.052
	Far	53.819	56.144	58.482	60.835	63.203	65.585	72.822	80.195	95.371
32	Near	45.322	46.959	48.584	50.197	51.798	53.387	58.085	62.683	71.586
	Far	55.755	58.254	60.775	63.321	65.890	68.483	76.412	84.571	101.623
45	Near	43.662	45.179	46.682	48.169	49.641	51.099	55.387	59.552	67.531
	Far	58.491	61.246	64.040	66.872	69.744	72.656	81.644	91.028	111.092
64	Near	41.444	42.809	44.155	45.483	46.794	48.087	51.866	55.500	62.368
	Far	63.008	66.218	69.495	72.843	76.264	79.760	90.724	102.460	128.605