

OPTIMO 28-76

- 1 - Aperture
- 2 - Hyperfocal distance
- 3 - Object distance far/near
- 4 - Confusion circle : 0.025 mm

Distances in feet

F = 28 mm

1	Aperture	T : 2.6	T : 4	T : 5.6	T : 8	T : 11	T : 16	T : 22.
2	Hyperfocal distance	39.528	27.48	19.947	14.299	10.681	7.457	5.498
3	Object distance	Far	Far	Far	Far	Far	Far	Far
		Near	Near	Near	Near	Near	Near	Near
	60 feet	∞	∞	∞	∞	∞	∞	∞
		24.332	19.299	15.361	11.868	9.329	6.83	5.187
	30 feet	115.683	∞	∞	∞	∞	∞	∞
		17.45	14.744	12.366	10.033	8.184	6.222	4.847
	20 feet	38.783	68.031	1840.029	∞	∞	∞	∞
		13.602	11.927	10.348	8.688	7.288	5.713	4.549
	12 feet	16.652	20.243	27.934	65.031	∞	∞	∞
		9.438	8.629	7.8	6.85	5.978	4.908	4.049
	10 feet	12.957	14.984	18.722	29.935	122.92	∞	∞
		8.185	7.58	6.944	6.194	5.485	4.585	3.838
	8 feet	9.722	10.783	12.529	16.55	27.825	∞	∞
		6.825	6.411	5.963	5.416	4.88	4.171	3.559
	6 feet	6.866	7.351	8.079	9.489	12.168	25.531	∞
		5.344	5.099	4.825	4.477	4.121	3.625	3.173
	5 feet	5.56	5.86	6.293	7.077	8.397	12.826	42.751
		4.553	4.381	4.185	3.931	3.664	3.281	2.918
	4 feet	4.327	4.494	4.727	5.126	5.737	7.356	11.749
		3.726	3.617	3.49	3.322	3.14	2.87	2.604
	3 feet	3.159	3.238	3.344	3.516	3.76	4.311	5.346
		2.859	2.801	2.733	2.639	2.535	2.373	2.205
	2 feet	2.054	2.079	2.112	2.164	2.232	2.37	2.58
		1.95	1.929	1.903	1.867	1.825	1.758	1.683

F = 32 mm

1	Aperture	T : 2.6	T : 4	T : 5.6	T : 8	T : 11	T : 16	T : 22.
2	Hyperfocal distance	52.277	36.285	26.285	18.786	13.983	9.703	7.101
3	Object distance	Far	Far	Far	Far	Far	Far	Far
		Near	Near	Near	Near	Near	Near	Near
	60 feet	∞	∞	∞	∞	∞	∞	∞
		28.217	22.876	18.516	14.51	11.511	8.485	6.453
	30 feet	68.992	169.06	∞	∞	∞	∞	∞
		19.322	16.702	14.29	11.819	9.781	7.538	5.913
	20 feet	31.724	43.274	80.628	∞	∞	∞	∞
		14.69	13.151	11.634	9.969	8.502	6.78	5.456
	12 feet	15.251	17.397	21.19	31.426	79.801	∞	∞
		9.929	9.227	8.48	7.59	6.738	5.644	4.724
	10 feet	12.109	13.394	15.485	20.196	32.661	∞	∞
		8.544	8.028	7.467	6.781	6.104	5.207	4.426
	8 feet	9.25	9.958	11.033	13.151	17.324	41.518	∞
		7.065	6.719	6.333	5.845	5.349	4.664	4.043
	6 feet	6.639	6.977	7.46	8.32	9.725	14.093	34.18
		5.483	5.282	5.052	4.751	4.433	3.973	3.533
	5 feet	5.416	5.63	5.926	6.432	7.202	9.229	14.599
		4.65	4.51	4.348	4.132	3.898	3.551	3.208
	4 feet	4.245	4.366	4.53	4.8	5.187	6.087	7.867
		3.786	3.699	3.596	3.455	3.3	3.062	2.817
	3 feet	3.12	3.178	3.255	3.376	3.541	3.89	4.461
		2.891	2.845	2.79	2.713	2.627	2.489	2.34
	2 feet	2.041	2.06	2.084	2.122	2.171	2.267	2.404
		1.962	1.945	1.925	1.896	1.862	1.807	1.743

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- 1 - Aperture
- 2 - Hyperfocal distance
- 3 - Object distance far/near
- 4 - Confusion circle : 0.025 mm

Distances in feet

F = 40 mm

1	Aperture	T : 2.6	T : 4	T : 5.6	T : 8	T : 11	T : 16	T : 22.
2	Hyperfocal distance	81.329	56.356	40.733	29.017	21.511	14.824	10.759
3	Object distance	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near
	60 feet	225.987 34.803	∞ 29.342	∞ 24.533	∞ 19.805	∞ 16.052	∞ 12.064	∞ 9.266
	30 feet	46.897 22.137	62.934 19.833	111.078 17.551	∞ 15.032	∞ 12.802	∞ 10.17	∞ 8.136
	20 feet	26.164 16.23	30.404 14.978	38.261 13.662	62.109 12.112	277.714 10.646	∞ 8.789	∞ 7.251
	12 feet	13.888 10.582	14.952 10.055	16.559 9.466	19.706 8.721	25.816 7.961	59.063 6.91	∞ 5.954
	10 feet	11.249 9.013	11.923 8.635	12.901 8.205	14.693 7.65	17.765 7.07	28.63 6.243	134.737 5.465
	8 feet	8.754 7.373	9.144 7.126	9.691 6.839	10.636 6.459	12.106 6.052	16.155 5.452	28.371 4.864
	6 feet	6.392 5.657	6.587 5.518	6.852 5.352	7.286 5.128	7.91 4.88	9.365 4.5	12.266 4.11
	5 feet	5.258 4.769	5.383 4.673	5.551 4.559	5.82 4.402	6.194 4.225	7.011 3.948	8.441 3.656
	4 feet	4.153 3.86	4.225 3.801	4.321 3.73	4.472 3.63	4.675 3.516	5.094 3.334	5.756 3.135
	3 feet	3.076 2.929	3.111 2.898	3.157 2.861	3.228 2.808	3.32 2.747	3.502 2.645	3.767 2.531
	2 feet	2.026 1.975	2.038 1.964	2.053 1.951	2.076 1.932	2.105 1.909	2.16 1.87	2.234 1.824

F = 55 mm

1	Aperture	T : 2.6	T : 4	T : 5.6	T : 8	T : 11	T : 16	T : 22.
2	Hyperfocal distance	150.991	104.503	75.393	53.561	39.577	27.117	19.543
3	Object distance	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near
	60 feet	97.918 43.343	136.816 38.579	274.787 33.904	∞ 28.797	∞ 24.325	∞ 19.103	∞ 15.109
	30 feet	37.035 25.241	41.403 23.577	48.656 21.777	65.67 19.587	115.79 17.447	∞ 14.631	∞ 12.205
	20 feet	22.837 17.805	24.393 16.976	26.692 16.039	31.016 14.84	38.794 13.6	70.665 11.855	∞ 10.237
	12 feet	12.926 11.203	13.391 10.881	14.029 10.503	15.092 9.995	16.654 9.437	20.461 8.592	28.831 7.739
	10 feet	10.622 9.451	10.928 9.225	11.34 8.957	12.01 8.592	12.958 8.184	15.1 7.553	19.113 6.897
	8 feet	8.381 7.655	8.564 7.51	8.808 7.337	9.194 7.097	9.722 6.824	10.842 6.392	12.697 5.929
	6 feet	6.201 5.813	6.295 5.734	6.419 5.637	6.612 5.501	6.866 5.344	7.377 5.088	8.145 4.804
	5 feet	5.133 4.875	5.195 4.821	5.275 4.755	5.399 4.662	5.56 4.553	5.876 4.373	6.331 4.17
	4 feet	4.079 3.924	4.116 3.892	4.163 3.851	4.234 3.794	4.327 3.726	4.503 3.612	4.748 3.48
	3 feet	3.039 2.962	3.057 2.945	3.081 2.924	3.115 2.895	3.16 2.859	3.242 2.799	3.353 2.727
	2 feet	2.014 1.987	2.02 1.981	2.027 1.974	2.039 1.963	2.054 1.95	2.08 1.928	2.115 1.901

OPTIMO 28-76

- 1 - Aperture
- 2 - Hyperfocal distance
- 3 - Object distance far/near
- 4 - Confusion circle : 0.025 mm

Distances in feet

F = 65 mm

1	Aperture	T : 2.6	T : 4	T : 5.6	T : 8	T : 11	T : 16	T : 22.
2	Hyperfocal distance	201.732	139.653	100.705	71.489	52.775	36.103	25.968
3	Object distance	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near
	60 feet	83.003 47.038	100.23 42.915	135.884 38.656	286.389 33.747	∞ 29.211	∞ 23.609	∞ 19.085
	30 feet	34.72 26.427	37.355 25.098	41.319 23.606	49.001 21.713	63.612 19.774	136.732 17.082	∞ 14.62
	20 feet	21.952 18.375	22.956 17.735	24.365 16.99	26.794 16.005	30.558 14.945	40.85 13.381	71.169 11.848
	12 feet	12.649 11.418	12.963 11.176	13.383 10.887	14.056 10.489	14.987 10.04	17.007 9.335	20.502 8.589
	10 feet	10.437 9.6	10.646 9.432	10.922 9.229	11.357 8.947	11.945 8.625	13.166 8.109	15.122 7.55
	8 feet	8.269 7.749	8.395 7.643	8.561 7.513	8.818 7.33	9.157 7.119	9.836 6.773	10.852 6.39
	6 feet	6.142 5.865	6.208 5.807	6.294 5.735	6.424 5.633	6.593 5.514	6.92 5.314	7.381 5.087
	5 feet	5.094 4.91	5.138 4.87	5.194 4.822	5.279 4.753	5.387 4.671	5.594 4.533	5.879 4.372
	4 feet	4.056 3.946	4.082 3.922	4.115 3.892	4.165 3.85	4.228 3.799	4.346 3.713	4.504 3.611
	3 feet	3.028 2.973	3.041 2.96	3.057 2.945	3.082 2.924	3.112 2.897	3.169 2.852	3.243 2.798
	2 feet	2.01 1.99	2.014 1.986	2.02 1.981	2.028 1.973	2.038 1.964	2.057 1.948	2.08 1.928

F = 76 mm

1	Aperture	T : 2.6	T : 4	T : 5.6	T : 8	T : 11	T : 16	T : 22.
2	Hyperfocal distance	256.066	181.884	131.108	93.019	68.625	46.895	33.686
3	Object distance	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near	<u>Far</u> Near
	60 feet	76.286 49.484	85.855 46.182	103.248 42.399	147.306 37.85	311.194 33.456	∞ 27.758	∞ 22.921
	30 feet	33.509 27.168	35.2 26.16	37.759 24.924	42.297 23.308	49.665 21.594	72.173 19.11	168.59 16.725
	20 feet	21.47 18.723	22.139 18.248	23.105 17.649	24.695 16.838	26.988 15.942	32.367 14.57	43.244 13.166
	12 feet	12.494 11.546	12.708 11.37	13.008 11.144	13.478 10.827	14.107 10.463	15.393 9.876	17.393 9.234
	10 feet	10.334 9.689	10.477 9.567	10.676 9.409	10.984 9.187	11.39 8.928	12.196 8.505	13.391 8.033
	8 feet	8.206 7.805	8.293 7.729	8.414 7.628	8.598 7.486	8.837 7.318	9.299 7.04	9.957 6.722
	6 feet	6.109 5.895	6.155 5.854	6.218 5.799	6.313 5.72	6.434 5.626	6.663 5.468	6.976 5.284
	5 feet	5.072 4.93	5.103 4.902	5.144 4.865	5.206 4.812	5.285 4.748	5.432 4.64	5.629 4.512
	4 feet	4.043 3.958	4.061 3.941	4.086 3.919	4.122 3.886	4.168 3.847	4.253 3.78	4.366 3.7
	3 feet	3.022 2.979	3.031 2.97	3.043 2.959	3.061 2.942	3.083 2.922	3.124 2.887	3.178 2.845
	2 feet	2.007 1.993	2.011 1.99	2.015 1.986	2.021 1.98	2.028 1.973	2.042 1.96	2.06 1.945