

OPTIMO PRIME

DEPTH-OF-FIELD TABLES DISTANCES IN METER

angénieux®

The depths of field tables are provided for information purposes only and are estimated with a circle of confusion of 0.013mm (1/2000inch). The width of the sharpness zone grows proportionally with the focus distance and aperture and it is inversely proportional to the focal length. In practice the depth of field limits can only be defined accurately by performing screen tests in true shooting conditions.



In case you require any further information please contact our service team at:
angenieuxservice@fr.thalesgroup.com

APERTURE	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	13,307	9,612	6,803	4,918	3,500	2,595	1,841	1,389
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	∞	∞	∞	∞	∞	∞	∞	∞
	8,071	6,566	5,140	4,000	3,020	2,331	1,711	1,318
10	39,459	∞	∞	∞	∞	∞	∞	∞
	5,792	4,985	4,130	3,371	2,657	2,115	1,598	1,254
7,5	16,798	33,272	∞	∞	∞	∞	∞	∞
	4,874	4,296	3,651	3,051	2,459	1,992	1,531	1,215
5	7,819	10,091	18,138	∞	∞	∞	∞	∞
	3,701	3,365	2,964	2,564	2,140	1,784	1,411	1,143
4	5,582	6,628	9,287	20,462	∞	∞	∞	∞
	3,135	2,894	2,597	2,289	1,950	1,654	1,333	1,094
3	3,780	4,218	5,123	7,238	19,937	∞	∞	∞
	2,498	2,347	2,153	1,942	1,699	1,475	1,220	1,021
2,5	3,004	3,267	3,771	4,773	8,085	80,984	∞	∞
	2,149	2,038	1,894	1,732	1,540	1,358	1,142	0,970
2	2,297	2,442	2,702	3,160	4,277	7,894	∞	∞
	1,776	1,702	1,604	1,490	1,350	1,212	1,043	0,901
1,5	1,651	1,719	1,836	2,023	2,399	3,159	7,128	∞
	1,377	1,335	1,277	1,208	1,120	1,028	0,910	0,805
1	1,056	1,081	1,120	1,178	1,280	1,441	1,849	2,909
	0,950	0,933	0,907	0,876	0,834	0,788	0,724	0,663
0,7	0,722	0,732	0,747	0,767	0,802	0,851	0,954	1,127
	0,679	0,672	0,661	0,646	0,627	0,604	0,572	0,539
0,5	0,509	0,512	0,518	0,525	0,537	0,553	0,584	0,628
	0,492	0,489	0,484	0,478	0,470	0,460	0,445	0,429
0,36	0,363	0,364	0,366	0,368	0,372	0,377	0,385	0,397
	0,357	0,356	0,355	0,353	0,350	0,346	0,340	0,334

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	19,504	17,606	12,682	8,951	6,448	4,565	3,365	2,364	1,763
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	∞	∞	∞	∞	∞	∞	∞	∞	∞
	9,947	9,436	7,830	6,245	4,929	3,760	2,916	2,141	1,641
10	20,252	22,821	46,626	∞	∞	∞	∞	∞	∞
	6,676	6,445	5,663	4,796	3,989	3,197	2,572	1,956	1,535
7,5	12,018	12,869	18,000	45,593	∞	∞	∞	∞	∞
	5,475	5,320	4,781	4,153	3,539	2,906	2,385	1,850	1,471
5	6,628	6,874	8,080	11,013	21,630	∞	∞	∞	∞
	4,027	3,944	3,645	3,275	2,888	2,459	2,081	1,668	1,359
4	4,960	5,095	5,718	7,020	10,147	31,810	∞	∞	∞
	3,360	3,303	3,093	2,826	2,537	2,204	1,900	1,553	1,285
3	3,495	3,559	3,844	4,377	5,385	8,312	27,389	∞	∞
	2,633	2,599	2,471	2,301	2,110	1,880	1,658	1,394	1,178
2,5	2,827	2,868	3,046	3,364	3,916	5,226	9,148	∞	∞
	2,245	2,220	2,128	2,003	1,860	1,681	1,505	1,288	1,104
2	2,197	2,221	2,323	2,497	2,779	3,358	4,579	12,326	∞
	1,838	1,822	1,761	1,677	1,578	1,452	1,322	1,155	1,009
1,5	1,602	1,614	1,665	1,747	1,873	2,105	2,501	3,703	9,402
	1,411	1,402	1,368	1,319	1,260	1,182	1,099	0,986	0,883
1	1,040	1,044	1,063	1,092	1,135	1,207	1,313	1,548	1,998
	0,964	0,960	0,945	0,924	0,898	0,861	0,821	0,762	0,705
0,7	0,716	0,718	0,726	0,737	0,754	0,780	0,817	0,889	0,998
	0,685	0,683	0,676	0,667	0,655	0,638	0,618	0,589	0,558
0,5	0,507	0,507	0,510	0,515	0,521	0,531	0,544	0,569	0,602
	0,494	0,493	0,490	0,486	0,481	0,474	0,465	0,451	0,436
0,36	0,362	0,363	0,364	0,365	0,368	0,371	0,376	0,383	0,394
	0,358	0,357	0,356	0,355	0,353	0,350	0,347	0,341	0,335

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	25,317	23,125	17,030	12,134	8,766	6,201	4,557	3,182	2,355
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	94,176	146,237	∞	∞	∞	∞	∞	∞	∞
	11,246	10,798	9,271	7,621	6,156	4,786	3,755	2,779	2,134
10	16,340	17,399	23,816	55,550	∞	∞	∞	∞	∞
	7,228	7,043	6,369	5,555	4,744	3,897	3,193	2,467	1,951
7,5	10,535	10,961	13,176	19,175	50,321	∞	∞	∞	∞
	5,837	5,717	5,269	4,704	4,115	3,467	2,903	2,295	1,845
5	6,160	6,300	6,958	8,303	11,260	24,660	∞	∞	∞
	4,215	4,154	3,916	3,601	3,252	2,841	2,457	2,014	1,665
4	4,697	4,776	5,140	5,826	7,118	10,755	30,796	∞	∞
	3,488	3,447	3,284	3,063	2,810	2,501	2,203	1,845	1,551
3	3,365	3,405	3,580	3,892	4,413	5,546	8,239	48,455	∞
	2,709	2,685	2,587	2,451	2,290	2,086	1,879	1,617	1,392
2,5	2,743	2,769	2,881	3,075	3,384	3,998	5,196	10,655	∞
	2,299	2,281	2,212	2,114	1,995	1,841	1,681	1,472	1,286
2	2,147	2,163	2,229	2,339	2,508	2,818	3,345	4,913	11,742
	1,873	1,862	1,817	1,752	1,672	1,566	1,452	1,297	1,154
1,5	1,577	1,585	1,618	1,672	1,752	1,890	2,100	2,591	3,648
	1,431	1,425	1,400	1,363	1,316	1,253	1,182	1,083	0,986
1	1,030	1,033	1,045	1,065	1,094	1,140	1,205	1,334	1,538
	0,972	0,969	0,959	0,943	0,923	0,895	0,862	0,813	0,762
0,7	0,712	0,714	0,719	0,727	0,738	0,756	0,779	0,823	0,885
	0,688	0,687	0,682	0,676	0,667	0,654	0,638	0,615	0,589
0,5	0,505	0,506	0,508	0,511	0,515	0,522	0,531	0,547	0,567
	0,495	0,495	0,493	0,490	0,486	0,481	0,474	0,463	0,451
0,36	0,362	0,362	0,363	0,364	0,365	0,368	0,371	0,376	0,383
	0,358	0,358	0,357	0,356	0,355	0,353	0,350	0,346	0,341

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	33,928	30,884	22,590	16,035	11,554	8,153	5,976	4,157	3,063
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	48,316	56,239	172,431	∞	∞	∞	∞	∞	∞
	12,649	12,207	10,679	8,970	7,390	5,851	4,652	3,482	2,689
10	14,061	14,653	17,719	26,110	72,667	∞	∞	∞	∞
	7,774	7,607	6,992	6,227	5,432	4,562	3,808	2,995	2,396
7,5	9,548	9,815	11,088	13,844	20,863	90,821	∞	∞	∞
	6,184	6,079	5,684	5,172	4,616	3,978	3,396	2,740	2,234
5	5,816	5,912	6,341	7,139	8,601	12,490	29,252	∞	∞
	4,390	4,337	4,136	3,863	3,550	3,167	2,793	2,341	1,967
4	4,497	4,553	4,800	5,236	5,970	7,585	11,541	101,017	∞
	3,605	3,570	3,434	3,247	3,026	2,746	2,465	2,110	1,805
3	3,264	3,293	3,417	3,626	3,955	4,585	5,746	10,077	138,897
	2,777	2,757	2,677	2,565	2,428	2,249	2,061	1,812	1,587
2,5	2,677	2,696	2,777	2,911	3,114	3,483	4,100	5,860	12,419
	2,346	2,332	2,276	2,196	2,096	1,964	1,822	1,628	1,447
2	2,108	2,119	2,168	2,246	2,361	2,561	2,868	3,601	5,253
	1,903	1,894	1,858	1,806	1,740	1,651	1,552	1,413	1,278
1,5	1,557	1,563	1,587	1,627	1,683	1,777	1,912	2,194	2,680
	1,448	1,443	1,423	1,393	1,356	1,303	1,244	1,157	1,070
1	1,022	1,025	1,034	1,049	1,070	1,103	1,148	1,233	1,356
	0,979	0,977	0,968	0,956	0,940	0,917	0,890	0,849	0,806
0,7	0,709	0,710	0,714	0,720	0,729	0,742	0,759	0,790	0,831
	0,691	0,690	0,687	0,681	0,674	0,664	0,651	0,632	0,611
0,5	0,504	0,504	0,506	0,508	0,512	0,517	0,523	0,535	0,550
	0,496	0,496	0,494	0,492	0,489	0,485	0,479	0,471	0,461
0,36	0,361	0,362	0,362	0,363	0,364	0,366	0,368	0,372	0,377
	0,359	0,358	0,358	0,357	0,356	0,354	0,352	0,349	0,345

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	44,267	40,146	29,146	20,603	14,812	10,433	7,635	5,298	3,895
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	36,244	39,567	63,116	678,413	∞	∞	∞	∞	∞
	13,839	13,415	11,932	10,222	8,582	6,923	5,584	4,237	3,300
10	12,833	13,220	15,071	19,159	30,193	236,877	∞	∞	∞
	8,201	8,053	7,501	6,797	6,041	5,180	4,402	3,530	2,863
7,5	8,970	9,156	9,998	11,627	14,898	25,963	423,740	∞	∞
	6,450	6,358	6,013	5,556	5,045	4,435	3,857	3,177	2,630
5	5,600	5,670	5,975	6,509	7,401	9,338	13,953	85,214	∞
	4,519	4,475	4,304	4,070	3,794	3,445	3,092	2,646	2,262
4	4,369	4,411	4,590	4,894	5,373	6,309	8,088	15,472	∞
	3,691	3,662	3,548	3,389	3,199	2,950	2,691	2,352	2,047
3	3,197	3,219	3,311	3,462	3,689	4,095	4,757	6,547	12,138
	2,827	2,810	2,745	2,651	2,536	2,381	2,213	1,983	1,767
2,5	2,632	2,647	2,708	2,806	2,950	3,198	3,579	4,481	6,480
	2,381	2,369	2,324	2,257	2,175	2,062	1,938	1,763	1,593
2	2,081	2,090	2,126	2,184	2,268	2,407	2,609	3,042	3,815
	1,925	1,918	1,889	1,846	1,792	1,717	1,633	1,510	1,387
1,5	1,543	1,547	1,566	1,596	1,637	1,705	1,798	1,982	2,265
	1,460	1,456	1,440	1,416	1,386	1,343	1,293	1,219	1,141
1	1,017	1,019	1,026	1,037	1,053	1,077	1,110	1,169	1,251
	0,984	0,982	0,976	0,966	0,953	0,935	0,913	0,879	0,842
0,7	0,707	0,708	0,711	0,715	0,722	0,731	0,744	0,766	0,795
	0,693	0,692	0,690	0,685	0,680	0,672	0,662	0,647	0,629
0,5	0,503	0,503	0,504	0,506	0,509	0,512	0,517	0,526	0,536
	0,497	0,497	0,496	0,494	0,492	0,488	0,484	0,478	0,470
0,36	0,361	0,361	0,362	0,362	0,363	0,364	0,366	0,369	0,373
	0,359	0,359	0,358	0,358	0,357	0,356	0,354	0,352	0,349

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	69,324	62,648	45,135	31,761	22,769	15,998	11,681	8,079	5,917
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	27,994	29,245	35,690	53,547	162,870	∞	∞	∞	∞
	15,572	15,213	13,921	12,341	10,720	8,960	7,442	5,814	4,617
10	11,637	11,845	12,765	14,465	17,611	26,217	68,120	∞	∞
	8,771	8,658	8,229	7,658	7,010	6,222	5,460	4,541	3,785
7,5	8,375	8,481	8,938	9,730	11,045	13,872	20,468	102,458	∞
	6,793	6,726	6,467	6,112	5,696	5,169	4,637	3,962	3,379
5	5,366	5,409	5,587	5,881	6,327	7,145	8,533	12,677	30,961
	4,682	4,650	4,527	4,354	4,142	3,862	3,562	3,157	2,782
4	4,227	4,253	4,361	4,535	4,792	5,239	5,937	7,651	11,788
	3,797	3,776	3,696	3,581	3,439	3,246	3,035	2,740	2,457
3	3,123	3,137	3,193	3,283	3,412	3,627	3,940	4,607	5,802
	2,887	2,875	2,830	2,764	2,680	2,564	2,434	2,245	2,055
2,5	2,583	2,592	2,630	2,690	2,774	2,911	3,104	3,495	4,127
	2,423	2,415	2,383	2,337	2,278	2,196	2,101	1,961	1,818
2	2,051	2,057	2,080	2,116	2,166	2,246	2,356	2,567	2,880
	1,952	1,947	1,927	1,897	1,860	1,806	1,743	1,649	1,549
1,5	1,527	1,530	1,542	1,561	1,586	1,627	1,680	1,779	1,916
	1,474	1,471	1,460	1,444	1,424	1,393	1,358	1,303	1,243
1	1,011	1,012	1,017	1,024	1,034	1,049	1,068	1,103	1,149
	0,990	0,988	0,984	0,978	0,969	0,956	0,941	0,917	0,890
0,7	0,704	0,705	0,707	0,710	0,714	0,720	0,728	0,742	0,759
	0,696	0,695	0,693	0,690	0,687	0,681	0,675	0,664	0,652
0,5	0,502	0,502	0,503	0,504	0,506	0,508	0,511	0,516	0,523
	0,498	0,498	0,497	0,496	0,495	0,492	0,490	0,485	0,480
0,36	0,361	0,361	0,361	0,361	0,362	0,363	0,364	0,366	0,368
	0,359	0,359	0,359	0,359	0,358	0,357	0,356	0,354	0,352

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	108,804	98,254	70,696	49,708	35,608	24,994	18,227	12,582	9,194
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	24,440	25,038	27,778	33,277	45,286	99,237	∞	∞	∞
	16,933	16,658	15,640	14,321	12,874	11,182	9,609	7,793	6,362
10	10,983	11,100	11,600	12,447	13,795	16,484	21,830	47,879	∞
	9,181	9,101	8,792	8,366	7,857	7,202	6,524	5,644	4,863
7,5	8,034	8,096	8,356	8,782	9,425	10,595	12,550	18,180	39,782
	7,034	6,987	6,806	6,550	6,237	5,821	5,374	4,767	4,203
5	5,227	5,253	5,359	5,527	5,770	6,179	6,784	8,115	10,642
	4,792	4,771	4,688	4,567	4,416	4,207	3,973	3,637	3,305
4	4,142	4,158	4,223	4,325	4,470	4,708	5,045	5,734	6,869
	3,868	3,854	3,800	3,722	3,622	3,483	3,323	3,088	2,849
3	3,077	3,085	3,120	3,174	3,250	3,371	3,535	3,851	4,318
	2,927	2,919	2,889	2,845	2,787	2,706	2,611	2,467	2,316
2,5	2,552	2,558	2,581	2,617	2,667	2,746	2,853	3,050	3,330
	2,450	2,445	2,424	2,393	2,354	2,296	2,229	2,126	2,014
2	2,032	2,036	2,050	2,072	2,102	2,149	2,212	2,325	2,479
	1,969	1,966	1,953	1,933	1,908	1,871	1,828	1,760	1,685
1,5	1,517	1,519	1,526	1,538	1,554	1,578	1,610	1,665	1,738
	1,483	1,482	1,475	1,464	1,450	1,430	1,406	1,367	1,324
1	1,007	1,007	1,010	1,015	1,021	1,030	1,042	1,063	1,089
	0,993	0,993	0,990	0,986	0,980	0,972	0,962	0,945	0,927
0,7	0,703	0,703	0,704	0,706	0,709	0,713	0,717	0,726	0,736
	0,697	0,697	0,696	0,694	0,692	0,688	0,684	0,677	0,668
0,5	0,501	0,501	0,502	0,502	0,503	0,505	0,507	0,510	0,514
	0,499	0,499	0,498	0,498	0,497	0,495	0,493	0,490	0,487
0,41	0,411	0,411	0,411	0,411	0,412	0,413	0,414	0,416	0,418
	0,409	0,409	0,409	0,409	0,408	0,407	0,406	0,405	0,403

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	155,113	140,021	100,597	70,647	50,566	35,466	25,845	17,822	13,006
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	22,917	23,284	24,891	27,786	32,906	45,530	87,766	∞	∞
	17,746	17,533	16,724	15,638	14,392	12,857	11,348	9,498	7,952
10	10,669	10,747	11,072	11,601	12,394	13,816	16,137	22,455	42,597
	9,411	9,352	9,120	8,792	8,390	7,851	7,270	6,474	5,726
7,5	7,866	7,908	8,081	8,356	8,756	9,435	10,451	12,751	17,367
	7,167	7,133	6,999	6,806	6,564	6,233	5,865	5,340	4,826
5	5,157	5,174	5,246	5,359	5,517	5,773	6,131	6,840	7,950
	4,853	4,837	4,776	4,688	4,574	4,414	4,230	3,955	3,671
4	4,098	4,109	4,154	4,223	4,319	4,472	4,680	5,075	5,652
	3,907	3,897	3,858	3,801	3,727	3,621	3,498	3,311	3,112
3	3,053	3,059	3,083	3,120	3,171	3,251	3,356	3,549	3,815
	2,948	2,943	2,921	2,889	2,847	2,787	2,715	2,604	2,483
2,5	2,536	2,540	2,556	2,581	2,615	2,668	2,737	2,861	3,027
	2,465	2,461	2,446	2,424	2,395	2,353	2,303	2,224	2,137
2	2,022	2,025	2,035	2,050	2,071	2,102	2,144	2,217	2,312
	1,978	1,976	1,967	1,953	1,934	1,908	1,876	1,825	1,767
1,5	1,512	1,513	1,518	1,526	1,537	1,554	1,575	1,612	1,659
	1,488	1,487	1,482	1,475	1,465	1,450	1,433	1,404	1,372
1	1,005	1,005	1,007	1,010	1,015	1,021	1,029	1,043	1,060
	0,995	0,995	0,993	0,990	0,986	0,980	0,973	0,961	0,947
0,7	0,702	0,702	0,703	0,704	0,706	0,709	0,712	0,718	0,724
	0,698	0,698	0,697	0,696	0,694	0,692	0,689	0,684	0,678
0,6	0,601	0,601	0,602	0,603	0,604	0,606	0,608	0,612	0,616
	0,599	0,599	0,598	0,597	0,596	0,594	0,592	0,589	0,585
0,51	0,511	0,511	0,511	0,512	0,513	0,514	0,515	0,517	0,520
	0,509	0,509	0,509	0,508	0,508	0,506	0,505	0,503	0,500

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	243,219	219,643	157,841	110,826	79,299	55,592	40,487	27,892	20,332
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	21,768	21,977	22,863	24,347	26,660	31,104	39,315	70,388	1481,659
	18,500	18,352	17,778	16,978	16,016	14,762	13,448	11,715	10,151
10	10,417	10,464	10,658	10,965	11,405	12,136	13,197	15,455	19,470
	9,616	9,576	9,420	9,193	8,908	8,511	8,063	7,415	6,764
6	6,145	6,161	6,226	6,328	6,469	6,694	6,998	7,574	8,407
	5,862	5,848	5,790	5,705	5,596	5,440	5,257	4,978	4,682
5	5,099	5,110	5,155	5,223	5,318	5,468	5,667	6,035	6,547
	4,905	4,895	4,855	4,796	4,719	4,608	4,477	4,276	4,057
4	4,062	4,069	4,097	4,140	4,198	4,289	4,409	4,625	4,916
	3,940	3,933	3,908	3,870	3,820	3,749	3,663	3,529	3,380
3	3,034	3,038	3,053	3,076	3,107	3,156	3,219	3,329	3,474
	2,967	2,963	2,949	2,928	2,900	2,860	2,811	2,733	2,645
2,5	2,523	2,526	2,536	2,551	2,573	2,605	2,647	2,720	2,813
	2,477	2,475	2,465	2,451	2,432	2,404	2,370	2,315	2,253
2	2,014	2,016	2,022	2,032	2,045	2,065	2,090	2,134	2,189
	1,986	1,984	1,978	1,969	1,957	1,940	1,918	1,883	1,843
1,5	1,508	1,508	1,512	1,517	1,524	1,534	1,547	1,570	1,598
	1,492	1,492	1,488	1,484	1,477	1,468	1,456	1,437	1,415
1	1,003	1,003	1,005	1,007	1,009	1,013	1,019	1,027	1,038
	0,997	0,997	0,995	0,993	0,991	0,987	0,982	0,974	0,965
0,7	0,701	0,701	0,702	0,703	0,704	0,706	0,708	0,711	0,715
	0,699	0,699	0,698	0,697	0,696	0,695	0,693	0,689	0,685
0,65	0,651	0,651	0,652	0,652	0,653	0,655	0,656	0,659	0,663
	0,649	0,649	0,648	0,648	0,647	0,646	0,644	0,641	0,638
0,61	0,611	0,611	0,611	0,612	0,613	0,614	0,615	0,618	0,621
	0,609	0,609	0,609	0,608	0,607	0,606	0,605	0,603	0,600

F100

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	432,804	389,600	278,616	195,241	139,566	97,771	71,160	48,979	35,668
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	20,959	21,071	21,531	22,259	23,313	25,096	27,752	33,712	45,452
	19,126	19,034	18,674	18,160	17,517	16,634	15,649	14,246	12,865
10	10,231	10,258	10,364	10,528	10,756	11,116	11,602	12,517	13,829
	9,779	9,755	9,661	9,523	9,345	9,091	8,792	8,336	7,848
6	6,081	6,090	6,127	6,183	6,260	6,378	6,533	6,809	7,173
	5,921	5,912	5,878	5,828	5,761	5,665	5,549	5,367	5,164
5	5,056	5,062	5,087	5,126	5,178	5,258	5,362	5,545	5,782
	4,945	4,939	4,916	4,881	4,835	4,767	4,686	4,556	4,410
4	4,035	4,039	4,055	4,079	4,111	4,161	4,225	4,337	4,479
	3,965	3,962	3,947	3,924	3,895	3,851	3,799	3,714	3,617
3	3,019	3,022	3,030	3,043	3,061	3,088	3,122	3,181	3,255
	2,981	2,979	2,970	2,958	2,942	2,917	2,888	2,839	2,784
2,5	2,513	2,515	2,521	2,529	2,541	2,560	2,583	2,622	2,672
	2,487	2,486	2,480	2,471	2,460	2,443	2,423	2,389	2,351
2	2,008	2,009	2,013	2,018	2,026	2,037	2,051	2,075	2,105
	1,992	1,991	1,987	1,982	1,975	1,965	1,952	1,930	1,906
1,5	1,504	1,505	1,507	1,510	1,514	1,520	1,527	1,540	1,555
	1,496	1,495	1,493	1,490	1,487	1,481	1,474	1,462	1,449
1	1,002	1,002	1,003	1,004	1,005	1,008	1,011	1,016	1,022
	0,998	0,998	0,997	0,996	0,995	0,992	0,990	0,985	0,979
0,9	0,901	0,901	0,902	0,903	0,904	0,906	0,908	0,912	0,917
	0,899	0,899	0,898	0,897	0,896	0,894	0,892	0,888	0,884
0,8	0,801	0,801	0,802	0,802	0,803	0,804	0,806	0,809	0,812
	0,799	0,799	0,798	0,798	0,797	0,796	0,794	0,791	0,788
0,77	0,771	0,771	0,771	0,772	0,773	0,774	0,776	0,778	0,781
	0,769	0,769	0,769	0,768	0,767	0,766	0,765	0,762	0,759

APERTURE	T 1.80	T 2.00	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	796,333	722,199	522,814	368,572	264,189	185,328	134,961	92,913	67,660
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	20,504	20,557	20,778	21,123	21,603	22,369	23,407	25,375	28,229
	19,520	19,472	19,279	18,992	18,621	18,090	17,468	16,521	15,514
10	10,122	10,134	10,187	10,267	10,377	10,546	10,766	11,156	11,663
	9,881	9,869	9,820	9,747	9,650	9,509	9,338	9,066	8,761
6	6,042	6,047	6,065	6,092	6,130	6,187	6,259	6,385	6,543
	5,958	5,954	5,937	5,911	5,876	5,825	5,762	5,661	5,543
5	5,029	5,032	5,044	5,063	5,088	5,127	5,176	5,260	5,366
	4,971	4,969	4,957	4,939	4,915	4,880	4,836	4,765	4,683
4	4,018	4,020	4,028	4,039	4,055	4,079	4,109	4,161	4,225
	3,982	3,980	3,973	3,962	3,947	3,924	3,897	3,852	3,799
3	3,010	3,011	3,015	3,021	3,030	3,042	3,059	3,086	3,120
	2,990	2,989	2,985	2,979	2,971	2,959	2,944	2,919	2,890
2,5	2,507	2,507	2,510	2,514	2,520	2,529	2,539	2,558	2,580
	2,493	2,493	2,490	2,486	2,480	2,472	2,462	2,445	2,425
2	2,004	2,004	2,006	2,009	2,012	2,017	2,024	2,035	2,048
	1,996	1,996	1,994	1,991	1,988	1,983	1,977	1,966	1,954
1,5	1,502	1,502	1,503	1,504	1,506	1,509	1,512	1,518	1,525
	1,498	1,498	1,497	1,496	1,494	1,491	1,488	1,482	1,476
1,3	1,301	1,302	1,302	1,303	1,304	1,306	1,309	1,313	1,318
	1,299	1,298	1,298	1,297	1,296	1,294	1,291	1,287	1,283
1,2	1,201	1,201	1,202	1,203	1,204	1,205	1,207	1,211	1,215
	1,199	1,199	1,198	1,197	1,196	1,195	1,193	1,190	1,186
1,1	1,101	1,101	1,101	1,102	1,103	1,104	1,106	1,109	1,112
	1,099	1,099	1,099	1,098	1,097	1,096	1,094	1,092	1,089
1	1,001	1,001	1,001	1,002	1,002	1,003	1,005	1,007	1,009
	0,999	0,999	0,999	0,998	0,998	0,997	0,995	0,993	0,991

F200

APERTURE	T 2.20	T 2.80	T 4.00	T 5.60	T 8.00	T11.00	T16.00	T22.00
HYPERFOCAL DISTANCE	1425,235	1130,723	798,101	572,369	401,586	292,438	201,285	146,532
OBJECT DISTANCE	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR
	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR	NEAR
20	20,278	20,351	20,502	20,707	21,023	21,434	22,156	23,092
	19,730	19,661	19,523	19,341	19,073	18,749	18,233	17,650
10	10,067	10,085	10,121	10,169	10,243	10,337	10,498	10,698
	9,934	9,917	9,882	9,836	9,769	9,685	9,549	9,390
6	6,023	6,029	6,042	6,058	6,084	6,116	6,170	6,236
	5,977	5,971	5,959	5,943	5,919	5,889	5,840	5,782
5	5,016	5,020	5,029	5,040	5,057	5,079	5,115	5,160
	4,984	4,980	4,972	4,961	4,944	4,924	4,890	4,850
4	4,010	4,013	4,018	4,025	4,035	4,049	4,072	4,099
	3,990	3,988	3,982	3,976	3,965	3,952	3,931	3,906
3	3,005	3,007	3,010	3,013	3,019	3,026	3,038	3,053
	2,995	2,993	2,991	2,987	2,981	2,974	2,963	2,949
2,5	2,504	2,505	2,506	2,509	2,513	2,518	2,526	2,535
	2,496	2,496	2,494	2,491	2,487	2,483	2,475	2,466
2	2,002	2,003	2,004	2,005	2,008	2,011	2,015	2,021
	1,998	1,997	1,996	1,995	1,992	1,990	1,985	1,979
1,6	1,601	1,602	1,602	1,603	1,605	1,606	1,609	1,613
	1,599	1,598	1,598	1,597	1,595	1,594	1,591	1,588
1,5	1,501	1,501	1,502	1,503	1,504	1,505	1,508	1,511
	1,499	1,499	1,498	1,497	1,496	1,495	1,492	1,489
1,4	1,401	1,401	1,402	1,402	1,403	1,405	1,407	1,409
	1,399	1,399	1,398	1,398	1,397	1,395	1,393	1,391
1,3	1,301	1,301	1,301	1,302	1,303	1,304	1,306	1,308
	1,299	1,299	1,299	1,298	1,297	1,296	1,294	1,292
1,2	1,201	1,201	1,201	1,202	1,202	1,203	1,205	1,206
	1,199	1,199	1,199	1,198	1,198	1,197	1,195	1,194