

Depth of Field Tables - in METRES with Relation to T/Stops

18mm COOKE SPEED PANCHRO LENS - f/1.7, T/2 - mounted for Newall & Mitchell N.C. Cameras, Arriflex 35mm Camera, or Eclair Cameflex Camera.

The following depth of field tables refer specifically to this particular optical design of 18mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U →		APERTURE							
METRES		T/2-0	T/2-80	T/4-0	T/5-60	T/8-0	T/11-0	T/16-0	T/22-0
.4	N	.3711	.3610	.3470	.3303	.3088	.2865	.2575	.2316
	F	.4347	.4505	.4767	.5173	.5945	.7347	1.238	8.961
.5	N	.4530	.4370	.4154	.3903	.3589	.3274	.2880	.2544
	F	.5596	.5879	.6367	.7171	.8882	1.279	5.315	INF
.6	N	.5311	.5084	.4782	.4440	.4022	.3617	.3126	.2721
	F	.6923	.7382	.8207	.9665	1.326	2.536	INF	INF
.75	N	.6417	.6075	.5633	.5146	.4574	.4039	.3417	.2923
	F	.9076	.9920	1.155	1.483	2.623	183.0	INF	INF
1.0	N	.8102	.7544	.6849	.6118	.5299	.4571	.3765	.3156
	F	1.318	1.512	1.948	3.192	132.3	INF	INF	INF
1.25	N	.9616	.8823	.7868	.6899	.5855	.4962	.4010	.3315
	F	1.808	2.208	3.319	10.37	INF	INF	INF	INF
1.5	N	1.098	.9948	.8734	.7540	.6295	.5261	.4192	.3429
	F	2.405	3.184	6.251	INF	INF	INF	INF	INF
2.0	N	1.336	1.183	1.013	.8530	.6947	.5690	.4442	.3583
	F	4.096	7.123	INF	INF	INF	INF	INF	INF
2.5	N	1.535	1.335	1.120	.9259	.7407	.5983	.4607	.3682
	F	7.085	27.65	INF	INF	INF	INF	INF	INF
3.0	N	1.705	1.460	1.205	.9818	.7749	.6195	.4724	.3751
	F	13.80	INF	INF	INF	INF	INF	INF	INF
4.0	N	1.978	1.652	1.331	1.062	.8222	.6482	.4879	.3841
	F	INF	INF	INF	INF	INF	INF	INF	INF
6.0	N	2.354	1.904	1.486	1.156	.8758	.6796	.5044	.3935
	F	INF	INF	INF	INF	INF	INF	INF	INF
8.0	N	2.602	2.061	1.578	1.210	.9052	.6965	.5130	.3984
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	3.802	2.737	1.939	1.406	1.007	.7526	.5409	.4138
	F	INF	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U = object distance sharply focused, measured in metres.

N = nearest distance in focus, measured in metres.

F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops
18 mm. COOKE SPEED PANCHRO LENS SERIES III - f/2.0, T/2.2

The following depth of field tables refer specifically to this particular optical design of 18 mm. lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.2 will be the approximate depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025 mm. if the lens is set at T/4.0.

U		APERTURE							
METRES		T 2.2	T 2.8	T 4.0	T 5.6	T 8.0	T 11.0	T 16.0	T 22.0
0.30	N	0.284	0.280	0.272	0.263	0.250	0.236	0.216	0.198
	F	0.318	0.324	0.336	0.353	0.383	0.431	0.548	0.841
0.40	N	0.369	0.361	0.347	0.330	0.308	0.284	0.254	0.226
	F	0.438	0.450	0.476	0.516	0.593	0.735	1.256	13.631
0.50	N	0.449	0.437	0.415	0.390	0.357	0.324	0.283	0.247
	F	0.566	0.587	0.636	0.715	0.886	1.282	5.734	INF
0.60	N	0.525	0.508	0.478	0.443	0.400	0.358	0.306	0.263
	F	0.702	0.737	0.819	0.963	1.322	2.548	INF	INF
0.75	N	0.633	0.607	0.563	0.513	0.454	0.399	0.334	0.281
	F	0.925	0.990	1.151	1.475	2.606	INF	INF	INF
1.00	N	0.796	0.754	0.684	0.610	0.526	0.450	0.366	0.302
	F	1.357	1.507	1.937	3.153	93.898	INF	INF	INF
1.25	N	0.941	0.882	0.786	0.687	0.580	0.488	0.389	0.317
	F	1.884	2.196	3.283	9.941	INF	INF	INF	INF
1.50	N	1.071	0.995	0.872	0.751	0.623	0.517	0.406	0.327
	F	2.544	3.158	6.120	INF	INF	INF	INF	INF
2.00	N	1.296	1.183	1.011	0.849	0.687	0.558	0.429	0.341
	F	4.523	6.988	INF	INF	INF	INF	INF	INF
2.50	N	1.482	1.335	1.117	0.921	0.732	0.586	0.445	0.349
	F	8.483	25.656	INF	INF	INF	INF	INF	INF
3.00	N	1.639	1.460	1.202	0.976	0.765	0.606	0.456	0.355
	F	20.384	INF	INF	INF	INF	INF	INF	INF
4.00	N	1.889	1.653	1.327	1.056	0.811	0.634	0.470	0.363
	F	INF	INF	INF	INF	INF	INF	INF	INF
6.00	N	2.228	1.905	1.482	1.149	0.864	0.664	0.485	0.372
	F	INF	INF	INF	INF	INF	INF	INF	INF
8.00	N	2.448	2.062	1.574	1.202	0.892	0.680	0.493	0.376
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	3.480	2.739	1.933	1.395	0.991	0.733	0.518	0.389
	F	INF	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05 mm.
Object distances measured from film plane.
U = object distance sharply focused, measured in metres.
N = nearest distance in focus, measured in metres.
F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

25mm COOKE SPEED PANCHRO LENS, Series II - f/1.8, T/2.2 - mounted for Newall & Mitchell
N.C. Cameras, Eclair Cameflex Camera or Arriflex 35mm Camera

The following depth of field tables refer specifically to this particular optical design of 25mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U		APERTURE							
METRES		T/2.2	T/2.8	T/4.0	T/5.6	T/8.0	T/11.0	T/16.0	T/22.0
.5	N	.4711	.4639	.4503	.4335	.4111	.3867	.3530	.3213
	F	.5332	.5430	.5640	.5947	.6479	.7304	.9305	1.399
.6	N	.5574	.5469	.5273	.5036	.4724	.4393	.3949	.3542
	F	.6505	.6659	.6990	.7489	.8394	.9904	1.423	3.057
.7	N	.6412	.6270	.6007	.5693	.5288	.4866	.4314	.3822
	F	.7719	.7943	.8433	.9194	1.064	1.329	2.291	20.19
.8	N	.7226	.7043	.6707	.6311	.5807	.5292	.4635	.4062
	F	.8976	.9287	.9979	1.109	1.332	1.787	4.228	INF
.9	N	.8019	.7791	.7375	.6891	.6286	.5680	.4920	.4270
	F	1.028	1.069	1.164	1.320	1.657	2.443	12.37	INF
1.0	N	.8790	.8513	.8013	.7439	.6731	.6032	.5173	.4452
	F	1.163	1.217	1.343	1.558	2.058	3.459	INF	INF
1.25	N	1.063	1.022	.9491	.8680	.7712	.6791	.5702	.4823
	F	1.522	1.619	1.855	2.307	3.651	13.79	INF	INF
1.5	N	1.235	1.179	1.082	.9766	.8542	.7412	.6118	.5106
	F	1.918	2.076	2.490	3.395	7.544	INF	INF	INF
1.75	N	1.397	1.325	1.203	1.072	.9253	.7930	.6455	.5329
	F	2.355	2.602	3.294	5.121	31.71	INF	INF	INF
2.0	N	1.549	1.460	1.312	1.158	.9868	.8369	.6732	.5509
	F	2.841	3.211	4.348	8.277	INF	INF	INF	INF
2.5	N	1.827	1.704	1.504	1.302	1.088	.9070	.7163	.5783
	F	3.994	4.777	7.875	60.37	INF	INF	INF	INF
3.0	N	2.076	1.918	1.666	1.421	1.168	.9607	.7483	.5981
	F	5.476	7.079	17.15	INF	INF	INF	INF	INF
4.0	N	2.502	2.274	1.925	1.603	1.286	1.037	.7924	.6248
	F	10.22	17.81	INF	INF	INF	INF	INF	INF
5.0	N	2.854	2.559	2.124	1.736	1.369	1.090	.8214	.6420
	F	21.25	196.1	INF	INF	INF	INF	INF	INF
8.0	N	3.614	3.151	2.512	1.984	1.516	1.179	.8692	.6697
	F	INF	INF	INF	INF	INF	INF	INF	INF
15.0	N	4.560	3.842	2.929	2.232	1.654	1.258	.9103	.6929
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	6.505	5.128	3.613	2.603	1.846	1.364	.9624	.7214
	F	INF	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U = object distance sharply focused, measured in metres.

N = nearest distance in focus, measured in metres.

F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

25 mm. COOKE SPEED PANCHRO LENS SERIES III - f/2, T/2.2

The following depth of field tables refer specifically to this particular optical design of 25 mm. lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.2 will be the approximate depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025 mm. if the lens is set at T/4.0.

U		APERTURES							
METRES		T/2.2	T/2.8	T/4.0	T/5.6	T/8.0	T/11.0	T/16.0	T/22.0
0.50	N	0.470	0.463	0.448	0.431	0.407	0.381	0.346	0.312
	F	0.534	0.545	0.567	0.599	0.656	0.745	0.971	1.556
0.60	N	0.556	0.545	0.524	0.500	0.467	0.432	0.385	0.342
	F	0.652	0.669	0.703	0.756	0.853	1.020	1.528	3.986
0.70	N	0.639	0.624	0.597	0.564	0.522	0.477	0.419	0.367
	F	0.775	0.798	0.850	0.931	1.088	1.385	2.586	INF
0.80	N	0.720	0.701	0.666	0.625	0.572	0.518	0.449	0.389
	F	0.902	0.934	1.008	1.126	1.371	1.893	5.390	INF
0.90	N	0.798	0.775	0.731	0.681	0.618	0.555	0.476	0.408
	F	1.033	1.077	1.178	1.345	1.718	2.649	34.480	INF
1.00	N	0.875	0.846	0.794	0.735	0.661	0.588	0.499	0.424
	F	1.170	1.227	1.361	1.594	2.154	3.894	INF	INF
1.25	N	1.057	1.014	0.939	0.855	0.755	0.660	0.548	0.457
	F	1.534	1.638	1.891	2.387	3.970	25.272	INF	INF
1.50	N	1.226	1.168	1.068	0.960	0.834	0.718	0.586	0.482
	F	1.938	2.108	2.556	3.574	9.066	INF	INF	INF
1.75	N	1.386	1.311	1.186	1.052	0.902	0.767	0.616	0.501
	F	2.385	2.652	3.412	5.541	INF	INF	INF	INF
2.00	N	1.535	1.444	1.292	1.134	0.960	0.807	0.641	0.517
	F	2.885	3.288	4.556	9.439	INF	INF	INF	INF
2.50	N	1.808	1.681	1.477	1.273	1.056	0.872	0.680	0.541
	F	4.082	4.950	8.590	INF	INF	INF	INF	INF
3.00	N	2.051	1.888	1.633	1.385	1.130	0.921	0.708	0.558
	F	5.643	7.467	20.970	INF	INF	INF	INF	INF
4.00	N	2.466	2.232	1.881	1.557	1.240	0.991	0.747	0.581
	F	10.815	20.498	INF	INF	INF	INF	INF	INF
5.00	N	2.806	2.506	2.070	1.683	1.317	1.039	0.773	0.595
	F	24.028	INF	INF	INF	INF	INF	INF	INF
8.00	N	3.538	3.071	2.437	1.915	1.452	1.119	0.815	0.619
	F	INF	INF	INF	INF	INF	INF	INF	INF
15.00	N	4.439	3.724	2.826	2.144	1.578	1.190	0.851	0.638
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	6.261	4.919	3.458	2.484	1.751	1.284	0.896	0.662
	F	INF	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05 mm.
Object distances measured from film plane.
U = object distance sharply focused, measured in metres.
N = nearest distance in focus, measured in metres.
F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

28mm COOKE SPEED PANCHRO LENS - $f/2$, $T/2.3$ - mounted for Newall & Mitchell
N.C. Cameras or Eclair Cameflex Camera.

The following depth of field tables refer specifically to this particular optical design of 28mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at $T/2.0$ will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at $T/4.0$.

U		APERTURE						
METRES		T/2.3	T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0
.3	N	.2893	.2871	.2820	.2755	.2560	.2408	.2253
	F	.3116	.3142	.3207	.3299	.3648	.4043	.4645
.4	N	.3804	.3764	.3672	.3558	.3226	.2977	.2733
	F	.4219	.4270	.4398	.4579	.5321	.6258	.7928
.5	N	.4689	.4627	.4485	.4311	.3822	.3469	.3134
	F	.5358	.5443	.5657	.5971	.7344	.9326	1.378
.6	N	.5550	.5462	.5262	.5020	.4358	.3898	.3474
	F	.6534	.6663	.6993	.7489	.9838	1.386	2.714
.75	N	.6798	.6664	.6364	.6007	.5069	.4448	.3895
	F	.8370	.8587	.9155	1.004	1.490	2.697	91.70
1.0	N	.8771	.8545	.8050	.7478	.6058	.5178	.4433
	F	1.164	1.208	1.325	1.523	3.071	50.76	INF
1.25	N	1.062	1.029	.9571	.8765	.6860	.5743	.4833
	F	1.521	1.597	1.812	2.209	8.455	INF	INF
1.5	N	1.236	1.190	1.095	.9901	.7524	.6194	.5142
	F	1.912	2.034	2.399	3.156	INF	INF	INF
2.0	N	1.553	1.482	1.335	1.181	.8560	.6868	.5589
	F	2.817	3.091	4.034	6.798	INF	INF	INF
2.5	N	1.836	1.737	1.538	1.336	.9330	.7347	.5896
	F	3.933	4.493	6.824	22.12	INF	INF	INF
4.0	N	2.527	2.341	1.992	1.664	1.079	.8206	.6426
	F	9.702	14.06	INF	INF	INF	INF	INF
8.0	N	3.680	3.296	2.640	2.091	1.240	.9091	.6946
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	6.769	5.570	3.915	2.812	1.458	1.019	.7558
	F	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U = object distance sharply focused, measured in metres.

N = nearest distance in focus, measured in metres.

F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

32mm COOKE SPEED PANCHRO LENS - f/2, T/2.3 - mounted for Newall & Mitchell
N.C. Cameras or Eclair Cameflex Cameras.

The following depth of field tables refer specifically to this particular optical design of 32mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U		APERTURE						
METRES		T/2.3	T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0
-4	N	-3853	-3823	-3753	-3663	-3396	-3186	-2972
	F	-4159	-4196	-4285	-4411	-4894	-5443	-6287
-5	N	-4767	-4719	-4609	-4472	-4069	-3764	-3461
	F	-5259	-5319	-5468	-5680	-6534	-7587	-9396
-6	N	-5661	-5593	-5437	-5243	-4689	-4281	-3887
	F	-6384	-6474	-6701	-7029	-8416	1-029	1-402
-7	N	-6537	-6446	-6236	-5979	-5261	-4747	-4262
	F	-7536	-7664	-7988	-8465	1-060	1-380	2-163
-8	N	-7396	-7278	-7009	-6683	-5791	-5170	-4595
	F	-8716	-8888	-9332	-9996	1-315	1-855	3-646
-9	N	-8238	-8090	-7757	-7357	-6283	-5554	-4891
	F	-9924	1-015	1-074	1-163	1-619	2-534	7-822
1-0	N	-9062	-8883	-8481	-8002	-6742	-5904	-5157
	F	1-116	1-145	1-221	1-339	1-985	3-581	93-40
1-25	N	1-105	1-079	1-019	-9503	-7761	-6662	-5717
	F	1-439	1-488	1-620	1-838	3-352	14-02	INF
1-5	N	1-295	1-258	1-178	1-086	-8631	-7284	-6164
	F	1-783	1-860	2-072	2-445	6-199	INF	INF
2-0	N	1-649	1-589	1-462	1-322	1-004	-8248	-6830
	F	2-544	2-703	3-183	4-166	INF	INF	INF
3-0	N	2-270	2-157	1-927	1-689	1-199	-9505	-7657
	F	4-435	4-949	6-855	14-08	INF	INF	INF
4-0	N	2-796	2-625	2-291	1-961	1-328	1-029	-8150
	F	7-058	8-464	16-20	INF	INF	INF	INF
6-0	N	3-638	3-354	2-826	2-338	1-488	1-121	-8711
	F	17-28	29-21	INF	INF	INF	INF	INF
12-0	N	5-209	4-642	3-684	2-894	1-693	1-232	-9356
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	9-163	7-537	5-294	3-798	1-962	1-367	1-010
	F	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U = object distance sharply focused, measured in metres.

N = nearest distance in focus, measured in metres.

F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

35mm COOKE SPEED PANCHRO LENS - f/2, T/2.3 - mounted for Newall & Mitchell
N.C. Cameras, Eclair Cameflex Camera or Arriflex 35mm Camera

The following depth of field tables refer specifically to this particular optical design of 35mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U		APERTURE						
METRES		T/2.3	T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0
.5	N	.4806	.4767	.4674	.4557	.4208	.3935	.3659
	F	.5211	.5259	.5378	.5546	.6197	.6952	.8137
.6	N	.5718	.5660	.5527	.5361	.4874	.4505	.4139
	F	.6314	.6386	.6567	.6825	.7865	.9154	1.139
.7	N	.6613	.6535	.6356	.6133	.5495	.5024	.4567
	F	.7438	.7540	.7798	.8170	.9736	1.183	1.594
.8	N	.7493	.7392	.7161	.6876	.6076	.5499	.4950
	F	.8584	.8723	.9074	.9588	1.185	1.516	2.277
1.0	N	.9208	.9053	.8704	.8281	.7132	.6339	.5610
	F	1.095	1.118	1.177	1.267	1.703	2.501	5.692
1.2	N	1.087	1.065	1.016	.9586	.8065	.7056	.6157
	F	1.341	1.376	1.468	1.611	2.405	4.413	INF
1.25	N	1.127	1.104	1.052	.9898	.8282	.7220	.6279
	F	1.404	1.442	1.544	1.704	2.620	5.209	INF
1.5	N	1.325	1.293	1.221	1.138	.9280	.7957	.6822
	F	1.729	1.789	1.949	2.214	4.087	18.74	INF
2.0	N	1.698	1.645	1.530	1.400	1.093	.9121	.7647
	F	2.435	2.556	2.901	3.538	13.62	INF	INF
2.5	N	2.043	1.966	1.803	1.624	1.223	.9999	.8245
	F	3.225	3.441	4.103	5.517	INF	INF	INF
3.0	N	2.364	2.260	2.046	1.818	1.328	1.068	.8699
	F	4.114	4.475	5.669	8.798	INF	INF	INF
5.0	N	3.442	3.225	2.803	2.390	1.605	1.238	.9775
	F	9.177	11.21	23.97	INF	INF	INF	INF
8.0	N	4.631	4.245	3.540	2.903	1.818	1.359	1.051
	F	29.82	73.20	INF	INF	INF	INF	INF
10.0	N	5.233	4.745	3.881	3.126	1.902	1.405	1.077
	F	119.2	INF	INF	INF	INF	INF	INF
15.0	N	6.331	5.630	4.450	3.485	2.027	1.472	1.115
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	10.91	8.974	6.302	4.520	2.334	1.625	1.200
	F	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U = object distance sharply focused, measured in metres.

N = nearest distance in focus, measured in metres.

F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

**40mm COOKE SPEED PANCHRO LENS - f/2, T/2.3 - mounted for Newall & Mitchell
N.C. Cameras, Eclair Cameflex Camera or Arriflex 35mm Camera**

The following depth of field tables refer specifically to this particular optical design of 40mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U		APERTURE						
METRES		T/2.3	T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0
.6	N	.5784	.5740	.5636	.5503	.5106	.4792	.4470
	F	.6234	.6287	.6418	.6602	.7307	.8106	.9326
.7	N	.6703	.6642	.6501	.6323	.5796	.5389	.4978
	F	.7326	.7400	.7586	.7849	.8885	1.012	1.213
.8	N	.7610	.7531	.7348	.7119	.6449	.5944	.5443
	F	.8434	.8534	.8786	.9144	1.060	1.243	1.568
1.0	N	.9389	.9266	.8986	.8640	.7659	.6945	.6260
	F	1.070	1.087	1.128	1.189	1.454	1.830	2.651
1.2	N	1.112	1.095	1.055	1.007	.8753	.7823	.6957
	F	1.304	1.328	1.392	1.487	1.932	2.670	4.918
1.25	N	1.155	1.136	1.094	1.042	.9010	.8026	.7115
	F	1.363	1.390	1.460	1.566	2.068	2.940	5.932
1.5	N	1.364	1.337	1.279	1.208	1.021	.8956	.7827
	F	1.667	1.709	1.817	1.985	2.880	4.936	33.97
2.0	N	1.762	1.718	1.621	1.509	1.225	1.047	.8947
	F	2.313	2.395	2.615	2.982	5.652	32.65	INF
2.5	N	2.138	2.073	1.932	1.773	1.392	1.165	.9786
	F	3.013	3.154	3.552	4.270	13.38	INF	INF
3.0	N	2.491	2.403	2.215	2.008	1.531	1.260	1.044
	F	3.775	4.000	4.665	5.995	151.0	INF	INF
5.0	N	3.721	3.526	3.134	2.731	1.914	1.506	1.205
	F	7.637	8.625	12.51	31.27	INF	INF	INF
8.0	N	5.152	4.784	4.087	3.425	2.226	1.691	1.319
	F	17.99	24.68	230.2	INF	INF	INF	INF
10.0	N	5.910	5.430	4.548	3.742	2.355	1.763	1.362
	F	32.81	65.03	INF	INF	INF	INF	INF
15.0	N	7.352	6.622	5.353	4.268	2.550	1.869	1.424
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	14.36	11.81	8.286	5.939	3.059	2.126	1.566
	F	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U object distances sharply focused, measured in metres.

N nearest distance in focus, measured in metres.

F farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

50mm COOKE SPEED PANCHRO LENS - f/2, T/2.3 - mounted for Newall & Mitchell N.C. Cameras, Eclair Cameflex Camera, or Arriflex 35mm Camera.

The following depth of field tables refer specifically to this particular optical design of 50mm lens, since allowance has been made for the position of its front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U		APERTURE							
METRES		T/2.3	T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0	T/32.0
.6	N	.5863	.5835	.5767	.5679	.5406	.5179	.4936	.4585
	F	.6144	.6176	.6254	.6362	.6754	.7162	.7720	.8566
.7	N	.6811	.6771	.6678	.6559	.6190	.5889	.5569	.5119
	F	.7201	.7246	.7356	.7509	.8074	.8677	.9529	1.139
.8	N	.7750	.7698	.7576	.7421	.6945	.6562	.6163	.5608
	F	.8267	.8328	.8477	.8683	.9461	1.031	1.156	1.447
1.0	N	.9605	.9523	.9334	.9094	.8375	.7814	.7242	.6474
	F	1.043	1.053	1.077	1.112	1.246	1.402	1.649	2.333
1.1	N	1.052	1.042	1.019	.9905	.9053	.8396	.7735	.6859
	F	1.153	1.165	1.195	1.238	1.408	1.612	1.952	3.002
1.2	N	1.143	1.131	1.104	1.070	.9708	.8952	.8200	.7216
	F	1.264	1.278	1.315	1.367	1.579	1.843	2.304	3.944
1.25	N	1.188	1.175	1.146	1.109	1.003	.9220	.8422	.7386
	F	1.319	1.335	1.376	1.433	1.669	1.967	2.503	4.576
1.3	N	1.233	1.219	1.188	1.148	1.034	.9483	.8639	.7549
	F	1.375	1.393	1.437	1.500	1.761	2.097	2.720	5.370
1.5	N	1.410	1.392	1.351	1.300	1.154	1.048	.9449	.8151
	F	1.602	1.626	1.687	1.776	2.157	2.691	3.824	12.74
1.7	N	1.585	1.562	1.510	1.446	1.267	1.139	1.018	.8679
	F	1.833	1.865	1.946	2.066	2.605	3.433	5.544	INF
2.0	N	1.842	1.811	1.741	1.656	1.424	1.263	1.115	.9363
	F	2.189	2.235	2.353	2.531	3.400	4.980	11.23	INF
2.5	N	2.256	2.209	2.105	1.981	1.655	1.440	1.249	1.028
	F	2.805	2.881	3.083	3.399	5.199	10.18	INF	INF
3.0	N	2.653	2.588	2.446	2.279	1.857	1.589	1.359	1.100
	F	3.453	3.570	3.886	4.407	8.030	33.45	INF	INF
4.0	N	3.403	3.296	3.067	2.807	2.190	1.825	1.525	1.205
	F	4.855	5.092	5.766	7.000	25.17	INF	INF	INF
5.0	N	4.097	3.943	3.618	3.261	2.454	2.003	1.647	1.278
	F	6.419	6.841	8.122	10.82	INF	INF	INF	INF
8.0	N	5.906	5.589	4.954	4.305	2.996	2.347	1.870	1.407
	F	12.42	14.12	20.99	59.77	INF	INF	INF	INF
15.0	N	8.992	8.275	6.939	5.731	3.617	2.709	2.090	1.526
	F	45.54	81.69	INF	INF	INF	INF	INF	INF
INF	N	22.33	18.36	12.88	9.223	4.740	3.288	2.416	1.689
	F	INF	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U - object distance sharply focused, measured in metres.

N - nearest distance in focus, measured in metres.

F - farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

75mm COOKE SPEED PANCHRO LENS - $f/2$, T/2.3 - mounted for Newall & Mitchell N.C. Cameras, Eclair Cameflex Camera, or Arriflex 35mm Camera.

The following depth of field tables refer specifically to this particular optical design of 75mm lens, since allowance has been made for the position of the front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/4.0.

U		APERTURE						
METRES		T/2.3	T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0
1.0	N	.9829	.9793	.9707	.9595	.9239	.8935	.8600
	F	1.018	1.022	1.031	1.044	1.091	1.138	1.199
1.25	N	1.223	1.217	1.203	1.186	1.131	1.084	1.034
	F	1.279	1.285	1.300	1.322	1.399	1.479	1.588
1.4	N	1.366	1.358	1.341	1.319	1.251	1.194	1.133
	F	1.436	1.444	1.464	1.492	1.592	1.698	1.844
1.5	N	1.460	1.452	1.432	1.407	1.329	1.265	1.196
	F	1.542	1.551	1.575	1.606	1.724	1.850	2.026
1.7	N	1.649	1.638	1.613	1.581	1.482	1.401	1.317
	F	1.755	1.767	1.797	1.839	1.997	2.169	2.419
1.75	N	1.696	1.684	1.658	1.624	1.519	1.435	1.346
	F	1.808	1.821	1.854	1.898	2.067	2.253	2.523
2.0	N	1.929	1.914	1.879	1.835	1.702	1.596	1.486
	F	2.077	2.094	2.138	2.198	2.430	2.692	3.093
2.5	N	2.388	2.365	2.312	2.245	2.047	1.893	1.739
	F	2.623	2.651	2.722	2.822	3.221	3.706	4.520
3.0	N	2.839	2.807	2.732	2.638	2.366	2.162	1.962
	F	3.180	3.222	3.328	3.480	4.114	4.947	6.531
4.0	N	3.717	3.661	3.533	3.376	2.940	2.629	2.335
	F	4.331	4.410	4.612	4.913	6.295	8.510	14.71
5.0	N	4.563	4.478	4.287	4.057	3.440	3.019	2.637
	F	5.531	5.662	6.002	6.524	9.233	14.99	59.14
6.0	N	5.379	5.261	4.999	4.688	3.880	3.351	2.885
	F	6.785	6.983	7.510	8.350	13.40	30.43	INF
7.0	N	6.167	6.013	5.671	5.273	4.270	3.637	3.093
	F	8.095	8.380	9.153	10.44	19.79	115.2	INF
8.0	N	6.929	6.734	6.307	5.818	4.619	3.885	3.270
	F	9.467	9.860	10.95	12.84	30.78	INF	INF
10.0	N	8.377	8.092	7.483	6.802	5.214	4.296	3.555
	F	12.41	13.10	15.10	18.97	138.5	INF	INF
15.0	N	11.61	11.07	9.956	8.783	6.297	5.001	4.021
	F	21.20	23.29	30.52	52.06	INF	INF	INF
30.0	N	18.92	17.51	14.87	12.39	7.947	5.983	4.628
	F	72.69	105.2	INF	INF	INF	INF	INF
INF	N	51.00	41.92	29.38	21.02	10.77	7.445	5.451
	F	INF	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion = 0.05mm.

Object distances measured from film plane.

U = object distance sharply focused, measured in metres.

N = nearest distance in focus, measured in metres.

F = farthest distance in focus, measured in metres.

Depth of Field Tables - in METRES with Relation to T/Stops

**100mm COOKE DEEP FIELD PANCHRO LENS - f/2.5, T/2.8 - mounted for Newall & Mitchell
N.C. Cameras, Eclair Cameflex Camera or Arriflex 35mm Camera**

The following depth of field tables refer specifically to this particular optical design of 100mm lens since allowance has been made for the position of the front nodal point relative to the film plane.

In cases where it may be desirable to allow for a smaller disc of confusion the f and T

numbers read from the tables may be increased by a factor equal to the reduction in the size of the disc. Thus the depth values listed at T/2.8 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.025mm if the lens is set at T/5.6.

U		APERTURE					
METRES		T/2.8	T/4.0	T/5.6	T/11.0	T/16.0	T/22.0
1.3	N	1.280	1.272	1.262	1.227	1.197	1.163
	F	1.320	1.329	1.341	1.383	1.424	1.477
1.4	N	1.377	1.368	1.355	1.315	1.280	1.241
	F	1.424	1.434	1.448	1.498	1.547	1.610
1.5	N	1.474	1.463	1.448	1.402	1.362	1.317
	F	1.527	1.540	1.556	1.614	1.672	1.746
1.7	N	1.666	1.651	1.633	1.573	1.523	1.466
	F	1.736	1.752	1.773	1.850	1.927	2.029
1.75	N	1.714	1.698	1.679	1.616	1.562	1.503
	F	1.788	1.805	1.828	1.910	1.993	2.102
2.0	N	1.952	1.932	1.906	1.824	1.755	1.680
	F	2.051	2.073	2.104	2.215	2.329	2.481
2.5	N	2.424	2.393	2.353	2.227	2.123	2.012
	F	2.581	2.618	2.668	2.853	3.048	3.320
3.0	N	2.890	2.845	2.788	2.612	2.468	2.317
	F	3.119	3.173	3.248	3.530	3.838	4.286
3.5	N	3.350	3.289	3.212	2.979	2.792	2.599
	F	3.665	3.740	3.846	4.251	4.710	5.410
4.0	N	3.804	3.726	3.626	3.330	3.097	2.860
	F	4.218	4.319	4.462	5.020	5.677	6.735
4.5	N	4.252	4.154	4.031	3.666	3.384	3.102
	F	4.780	4.910	5.096	5.842	6.757	8.320
5.0	N	4.694	4.575	4.425	3.987	3.656	3.327
	F	5.349	5.514	5.751	6.723	7.970	10.25
6.0	N	5.563	5.395	5.187	4.592	4.155	3.733
	F	6.513	6.761	7.122	8.688	10.91	15.72
7.0	N	6.410	6.187	5.914	5.150	4.605	4.090
	F	7.712	8.063	8.585	10.98	14.80	25.41
8.0	N	7.236	6.952	6.608	5.667	5.012	4.406
	F	8.947	9.425	10.15	13.69	20.22	47.24
10.0	N	8.829	8.409	7.908	6.592	5.719	4.941
	F	11.53	12.34	13.62	20.91	41.45	INF
15.0	N	12.50	11.67	10.72	8.426	7.043	5.894
	F	18.76	21.02	25.04	70.54	INF	INF
30.0	N	21.39	19.06	16.64	11.68	9.167	7.302
	F	50.28	70.79	155.2	INF	INF	INF
INF	N	74.11	51.93	37.15	19.00	13.12	9.595
	F	INF	INF	INF	INF	INF	INF

Diameter of Disc of Confusion 0.05mm.

Object distances measured from film plane.

U - object distance sharply focused, measured in metres.

N - nearest distance in focus, measured in metres.

F - farthest distance in focus, measured in metres.