

Depth of field

SIGMA 30mm F1.4 EX DC HSM

f = 30 Permissible circle of confusion = 0.033333mm

Distance	INF		4.00m		2.00m		1.30m		1.00m		0.80m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
1.4	INF	19.857	4.976	3.345	2.210	1.827	1.383	1.227	1.047	0.957	0.829	0.773
2	INF	14.511	5.471	3.155	2.300	1.770	1.416	1.202	1.065	0.943	0.840	0.764
2.8	INF	10.274	6.460	2.902	2.453	1.690	1.471	1.166	1.095	0.921	0.857	0.750
4	INF	7.278	8.688	2.608	2.709	1.589	1.556	1.118	1.140	0.892	0.884	0.731
5.6	INF	5.159	17.028	2.282	3.180	1.465	1.695	1.057	1.211	0.854	0.924	0.706
8	INF	3.661	INF	1.941	4.225	1.321	1.943	0.982	1.328	0.806	0.989	0.674
11	INF	2.601	INF	1.605	7.949	1.160	2.453	0.893	1.541	0.746	1.098	0.633
16	INF	1.852	INF	1.292	INF	0.992	3.932	0.793	1.998	0.677	1.304	0.584

f = 30

Distance	0.70m		0.60m		0.50m		0.40m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front
1.4	0.721	0.680	0.615	0.586	0.510	0.490	0.406	0.394
2	0.729	0.673	0.621	0.581	0.514	0.487	0.408	0.392
2.8	0.742	0.662	0.630	0.573	0.520	0.482	0.411	0.389
4	0.762	0.648	0.643	0.563	0.528	0.475	0.416	0.385
5.6	0.791	0.629	0.663	0.549	0.541	0.465	0.424	0.379
8	0.836	0.604	0.694	0.530	0.560	0.452	0.435	0.371
11	0.911	0.572	0.743	0.506	0.590	0.436	0.451	0.360
16	1.045	0.532	0.826	0.476	0.639	0.414	0.477	0.347

(Unit: meter)