

Depth of field

SIGMA 12-24mm F4.5-5.6 EX DG ASPHERICAL / HSM

f = 12

Permissible circle of confusion = 0.033333mm

Distance	INF		2.00m		1.00m		0.70m		0.50m		0.40m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
4.5	INF	1.110	INF	0.763	7.729	0.580	1.535	0.481	0.747	0.390	0.518	0.335
5.6	INF	0.927	INF	0.680	INF	0.535	2.186	0.452	0.851	0.374	0.558	0.324
8	INF	0.686	INF	0.551	INF	0.459	INF	0.401	1.286	0.342	0.687	0.303
11	INF	0.516	INF	0.444	INF	0.388	INF	0.350	6.821	0.308	1.080	0.279
16	INF	0.395	INF	0.358	INF	0.326	INF	0.302	INF	0.274	21.758	0.253
22	INF	0.310	INF	0.291	INF	0.273	INF	0.259	INF	0.242	INF	0.228

f = 12

Distance	0.35m		0.28m	
F number	Rear	Front	Rear	Front
4.5	0.425	0.303	0.315	0.255
5.6	0.449	0.295	0.324	0.251
8	0.518	0.279	0.350	0.241
11	0.682	0.261	0.399	0.230
16	1.422	0.240	0.514	0.216
22	INF	0.219	1.020	0.202

(Unit: meter)

Depth of field

SIGMA 12-24mm F4.5-5.6 EX DG ASPHERICAL / HSM

f = 15

Permissible circle of confusion = 0.033333mm

Distance	INF		2.00m		1.00m		0.70m		0.50m		0.40m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
4.9	INF	1.470	INF	0.898	2.678	0.645	1.156	0.519	0.660	0.411	0.481	0.347
5.6	INF	1.291	INF	0.834	3.685	0.614	1.293	0.501	0.696	0.401	0.497	0.341
8	INF	0.942	INF	0.685	INF	0.537	2.120	0.452	0.848	0.373	0.559	0.323
11	INF	0.695	INF	0.555	INF	0.460	100.146	0.401	1.271	0.341	0.688	0.301
16	INF	0.521	INF	0.446	INF	0.388	INF	0.349	5.881	0.307	1.077	0.277
22	INF	0.397	INF	0.358	INF	0.325	INF	0.301	INF	0.273	15.142	0.251

f = 15

Distance	0.35m		0.28m	
F number	Rear	Front	Rear	Front
4.9	0.404	0.313	0.306	0.260
5.6	0.414	0.308	0.310	0.257
8	0.451	0.294	0.326	0.250
11	0.521	0.278	0.353	0.240
16	0.687	0.259	0.403	0.228
22	1.428	0.238	0.524	0.214

(Unit: meter)

Depth of field

SIGMA 12-24mm F4.5-5.6 EX DG ASPHERICAL / HSM

f = 17

Permissible circle of confusion = 0.033333mm

Distance	INF		2.00m		1.00m		0.70m		0.50m		0.40m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
5.2	INF	1.780	INF	0.992	2.024	0.687	1.029	0.543	0.623	0.423	0.464	0.355
5.6	INF	1.629	INF	0.948	2.267	0.667	1.082	0.531	0.640	0.417	0.472	0.351
8	INF	1.181	INF	0.789	5.275	0.592	1.433	0.486	0.731	0.392	0.513	0.335
11	INF	0.863	INF	0.645	INF	0.514	2.790	0.437	0.928	0.363	0.589	0.316
16	INF	0.639	INF	0.520	INF	0.438	INF	0.385	1.579	0.330	0.760	0.293
22	INF	0.480	INF	0.417	INF	0.368	INF	0.333	INF	0.296	1.406	0.268

f = 17

Distance	0.35m		0.28m	
F number	Rear	Front	Rear	Front
5.2	0.393	0.318	0.301	0.263
5.6	0.398	0.315	0.303	0.261
8	0.424	0.304	0.315	0.255
11	0.468	0.289	0.334	0.246
16	0.558	0.271	0.366	0.236
22	0.795	0.252	0.432	0.223

(Unit: meter)

Depth of field

SIGMA 12-24mm F4.5-5.6 EX DG ASPHERICAL / HSM

f = 20 Permissible circle of confusion = 0.033333mm

Distance	INF		2.00m		1.00m		0.70m		0.50m		0.40m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
5.5	INF	2.279	14.607	1.114	1.631	0.736	0.928	0.570	0.590	0.438	0.448	0.364
8	INF	1.597	INF	0.937	2.343	0.662	1.099	0.528	0.645	0.415	0.475	0.350
11	INF	1.157	INF	0.779	5.926	0.586	1.477	0.482	0.742	0.390	0.518	0.333
16	INF	0.846	INF	0.635	INF	0.507	3.050	0.432	0.954	0.360	0.599	0.314
22	INF	0.626	INF	0.512	INF	0.431	INF	0.380	1.700	0.327	0.786	0.291

f = 20

Distance	0.35m		0.28m	
F number	Rear	Front	Rear	Front
5.5	0.382	0.324	0.296	0.266
8	0.400	0.314	0.305	0.261
11	0.427	0.302	0.317	0.254
16	0.475	0.287	0.337	0.245
22	0.571	0.269	0.372	0.234

(Unit: meter)

Depth of field

SIGMA 12-24mm F4.5-5.6 EX DG ASPHERICAL / HSM

f = 24

Permissible circle of confusion = 0.033333mm

Distance	INF		2.00m		1.00m		0.70m		0.50m		0.40m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
5.6	INF	2.835	6.297	1.220	1.442	0.776	0.869	0.591	0.569	0.449	0.437	0.370
8	INF	2.102	35.355	1.073	1.734	0.720	0.957	0.561	0.600	0.433	0.453	0.361
11	INF	1.513	INF	0.909	2.563	0.649	1.141	0.520	0.658	0.411	0.481	0.347
16	INF	1.098	INF	0.753	8.757	0.572	1.594	0.474	0.767	0.385	0.529	0.330
22	INF	0.804	INF	0.613	INF	0.494	3.958	0.423	1.018	0.354	0.621	0.310
32	INF	0.596	INF	0.493	INF	0.419	INF	0.371	2.059	0.321	0.846	0.286

f = 24

Distance	0.35m		0.28m	
F number	Rear	Front	Rear	Front
5.6	0.375	0.329	0.293	0.269
8	0.386	0.322	0.298	0.265
11	0.404	0.312	0.306	0.259
16	0.434	0.300	0.320	0.252
22	0.487	0.284	0.342	0.243
32	0.599	0.266	0.381	0.232

(Unit: meter)