

# Depth of field

## SIGMA 10-20mm F4-5.6 EX DC HSM

f = 10

Permissible circle of confusion = 0.033333mm

Distance	INF		1.00m		0.40m		0.30m		0.24m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
4	INF	0.879	INF	0.518	0.583	0.317	0.367	0.260	0.270	0.219
5.6	INF	0.666	INF	0.448	0.726	0.297	0.405	0.248	0.284	0.213
8	INF	0.500	INF	0.377	1.233	0.272	0.490	0.234	0.312	0.204
11	INF	0.382	INF	0.315	INF	0.246	0.741	0.218	0.368	0.194
16	INF	0.299	INF	0.263	INF	0.220	6.883	0.201	0.529	0.183
22	INF	0.240	INF	0.222	INF	0.196	INF	0.183	2.860	0.171

(Unit: meter)

# Depth of field

## SIGMA 10-20mm F4-5.6 EX DC HSM

f = 12

Permissible circle of confusion = 0.033333mm

Distance	INF		1.00m		0.40m		0.30m		0.24m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
4.5	INF	1.062	12.786	0.565	0.534	0.329	0.352	0.266	0.263	0.222
5.6	INF	0.862	INF	0.513	0.591	0.315	0.370	0.259	0.271	0.219
8	INF	0.638	INF	0.437	0.766	0.293	0.415	0.246	0.288	0.211
11	INF	0.479	INF	0.367	1.434	0.268	0.513	0.231	0.318	0.203
16	INF	0.367	INF	0.306	INF	0.242	0.831	0.215	0.383	0.192
22	INF	0.288	INF	0.256	INF	0.216	INF	0.197	0.586	0.181

(Unit: meter)

# Depth of field

## SIGMA 10-20mm F4-5.6 EX DC HSM

f = 14

Permissible circle of confusion = 0.033333mm

Distance	INF		1.00m		0.40m		0.30m		0.24m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
4.9	INF	1.309	3.546	0.616	0.498	0.340	0.339	0.272	0.258	0.226
5.6	INF	1.137	6.562	0.582	0.521	0.333	0.347	0.268	0.262	0.223
8	INF	0.832	INF	0.504	0.604	0.313	0.374	0.257	0.273	0.218
11	INF	0.617	INF	0.428	0.801	0.290	0.423	0.244	0.291	0.210
16	INF	0.464	INF	0.359	1.648	0.264	0.532	0.229	0.324	0.201
22	INF	0.356	INF	0.299	INF	0.238	0.921	0.212	0.397	0.191

(Unit: meter)

# Depth of field

## SIGMA 10-20mm F4-5.6 EX DC HSM

f = 17

Permissible circle of confusion = 0.033333mm

Distance	INF		1.00m		0.40m		0.30m		0.24m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
5.4	INF	1.696	2.149	0.676	0.469	0.353	0.328	0.278	0.253	0.229
5.6	INF	1.624	2.279	0.666	0.473	0.351	0.330	0.277	0.254	0.228
8	INF	1.177	5.372	0.590	0.514	0.335	0.345	0.269	0.261	0.224
11	INF	0.860	INF	0.512	0.592	0.315	0.370	0.259	0.271	0.218
16	INF	0.636	INF	0.436	0.767	0.293	0.415	0.246	0.288	0.211
22	INF	0.478	INF	0.366	1.437	0.267	0.513	0.231	0.319	0.202

(Unit: meter)

# Depth of field

## SIGMA 10-20mm F4-5.6 EX DC HSM

f = 20

Permissible circle of confusion = 0.033333mm

Distance	INF		1.00m		0.40m		0.30m		0.24m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
5.6	INF	2.011	1.793	0.712	0.455	0.360	0.323	0.281	0.251	0.231
8	INF	1.492	2.614	0.647	0.481	0.347	0.333	0.275	0.255	0.228
11	INF	1.084	9.782	0.571	0.529	0.330	0.350	0.267	0.262	0.223
16	INF	0.795	INF	0.493	0.621	0.310	0.378	0.256	0.274	0.217
22	INF	0.590	INF	0.418	0.847	0.287	0.431	0.243	0.293	0.210
32	INF	0.446	INF	0.350	2.029	0.262	0.554	0.228	0.329	0.201

(Unit: meter)