

ZUIKO DIGITAL LENSES™
OLYMPUS E-SYSTEM



11-22MM F2.8/3.5 WIDE ZOOM

* Depth of Field Table (in meters)

WIDE : 11mm

F stop	Camera-to-subject distance (in meters)							Circle of least confusion 1/60mm		
	0.28	0.3	0.4	0.5	0.7	1.0	2.0	3.0	5.0	inf.
2.8	0.271 ~	0.288 ~	0.373 ~	0.452 ~	0.595 ~	0.780 ~	1.218 ~	1.498 ~	1.836 ~	2.768 ~
	0.291	0.313	0.434	0.565	0.864	1.442	6.649	inf.	inf.	inf.
4	0.267 ~	0.284 ~	0.363 ~	0.436 ~	0.563 ~	0.719 ~	1.061 ~	1.259 ~	1.480 ~	2.007 ~
	0.295	0.320	0.450	0.597	0.961	1.778	#####	inf.	inf.	inf.
5.6	0.262 ~	0.278 ~	0.351 ~	0.415 ~	0.523 ~	0.649 ~	0.899 ~	1.031 ~	1.167 ~	1.454 ~
	0.302	0.329	0.476	0.654	1.153	2.735	inf.	inf.	inf.	inf.
8	0.256 ~	0.271 ~	0.335 ~	0.390 ~	0.478 ~	0.574 ~	0.747 ~	0.830 ~	0.910 ~	1.064 ~
	0.314	0.344	0.521	0.762	1.647	14.434	inf.	inf.	inf.	inf.
11	0.248 ~	0.261 ~	0.316 ~	0.361 ~	0.429 ~	0.499 ~	0.612 ~	0.661 ~	0.707 ~	0.787 ~
	0.332	0.369	0.609	1.018	4.848	inf.	inf.	inf.	inf.	inf.
16	0.239 ~	0.249 ~	0.295 ~	0.329 ~	0.379 ~	0.426 ~	0.497 ~	0.525 ~	0.550 ~	0.592 ~
	0.366	0.416	0.827	2.189	inf.	inf.	inf.	inf.	inf.	inf.
22	0.227 ~	0.236 ~	0.271 ~	0.297 ~	0.331 ~	0.361 ~	0.403 ~	0.419 ~	0.432 ~	0.454 ~
	0.436	0.523	2.045	inf.	inf.	inf.	inf.	inf.	inf.	inf.

* Depth of Field Table (in meters)

MIDDLE : 16mm

F stop	Camera-to-subject distance (in meters)							Circle of least confusion 1/60mm		
	0.28	0.3	0.4	0.5	0.7	1.0	2.0	3.0	5.0	inf.
3.2	0.274 ~	0.293 ~	0.384 ~	0.471 ~	0.637 ~	0.863 ~	1.475 ~	1.930 ~	2.562 ~	5.031 ~
	0.286	0.308	0.418	0.534	0.781	1.197	3.184	7.138	#####	inf.
4	0.273 ~	0.291 ~	0.380 ~	0.464 ~	0.622 ~	0.834 ~	1.382 ~	1.768 ~	2.277 ~	4.004 ~
	0.288	0.310	0.424	0.544	0.806	1.265	3.795	11.423	inf.	inf.
5.6	0.270 ~	0.288 ~	0.372 ~	0.451 ~	0.596 ~	0.782 ~	1.230 ~	1.520 ~	1.872 ~	2.865 ~
	0.291	0.314	0.435	0.565	0.862	1.428	6.191	inf.	inf.	inf.
8	0.266 ~	0.283 ~	0.362 ~	0.435 ~	0.563 ~	0.721 ~	1.069 ~	1.274 ~	1.503 ~	2.059 ~
	0.297	0.321	0.451	0.599	0.959	1.758	76.875	inf.	inf.	inf.
11	0.261 ~	0.277 ~	0.349 ~	0.414 ~	0.523 ~	0.651 ~	0.907 ~	1.043 ~	1.186 ~	1.490 ~
	0.304	0.331	0.479	0.656	1.149	2.660	inf.	inf.	inf.	inf.
16	0.255 ~	0.269 ~	0.333 ~	0.388 ~	0.477 ~	0.575 ~	0.754 ~	0.840 ~	0.924 ~	1.087 ~
	0.317	0.347	0.525	0.766	1.630	11.506	inf.	inf.	inf.	inf.
22	0.246 ~	0.259 ~	0.314 ~	0.359 ~	0.428 ~	0.499 ~	0.616 ~	0.668 ~	0.716 ~	0.802 ~
	0.337	0.374	0.617	1.026	4.546	inf.	inf.	inf.	inf.	inf.

* Depth of Field Table (in meters)

TELE : 22mm

F stop	Camera-to-subject distance (in meters)							Circle of least confusion 1/60mm		
	0.28	0.3	0.4	0.5	0.7	1.0	2.0	3.0	5.0	inf.
3.5	0.276 ~	0.295 ~	0.390 ~	0.482 ~	0.659 ~	0.910 ~	1.636 ~	2.227 ~	3.134 ~	8.037 ~
	0.284	0.305	0.411	0.520	0.748	1.113	2.594	4.666	12.924	inf.
4	0.276 ~	0.295 ~	0.388 ~	0.479 ~	0.654 ~	0.899 ~	1.597 ~	2.154 ~	2.987 ~	7.101 ~
	0.284	0.305	0.413	0.523	0.755	1.131	2.704	5.048	16.485	inf.
5.6	0.274 ~	0.293 ~	0.384 ~	0.471 ~	0.637 ~	0.864 ~	1.477 ~	1.933 ~	2.568 ~	5.055 ~
	0.286	0.308	0.418	0.534	0.781	1.197	3.178	7.103	644.260	inf.
8	0.272 ~	0.290 ~	0.378 ~	0.461 ~	0.614 ~	0.819 ~	1.336 ~	1.692 ~	2.149 ~	3.609 ~
	0.289	0.311	0.427	0.550	0.821	1.307	4.248	17.137	inf.	inf.
11	0.269 ~	0.286 ~	0.369 ~	0.447 ~	0.586 ~	0.764 ~	1.181 ~	1.443 ~	1.753 ~	2.586 ~
	0.293	0.316	0.439	0.574	0.887	1.507	8.292	inf.	inf.	inf.
16	0.265 ~	0.281 ~	0.358 ~	0.429 ~	0.551 ~	0.700 ~	1.019 ~	1.201 ~	1.400 ~	1.863 ~
	0.299	0.324	0.459	0.614	1.005	1.940	inf.	inf.	inf.	inf.
22	0.259 ~	0.274 ~	0.345 ~	0.406 ~	0.509 ~	0.628 ~	0.859 ~	0.978 ~	1.100 ~	1.352 ~
	0.308	0.335	0.491	0.684	1.252	3.378	inf.	inf.	inf.	inf.