

ZUIKO DIGITAL LENSES™

OLYMPUS E-SYSTEM



14-45mm F3.5/5.6
(28mm-90mm EQUIVALENT)

* Depth of Field Table (in meters)

WIDE : 14mm

F stop	Camera-to-subject distance (in meters)						Circle of least confusion 1/60mm		
	0.38	0.4	0.5	0.7	1.0	2.0	3.0	5.0	inf.
3.5	0.358 ~ 0.406	0.375 ~ 0.430	0.457 ~ 0.554	0.610 ~ 0.830	0.811 ~ 1.326	1.320 ~ 4.405	1.668 ~ 19.631	2.114 ~ inf.	3.528 ~ inf.
4	0.356 ~ 0.409	0.373 ~ 0.434	0.453 ~ 0.562	0.601 ~ 0.849	0.794 ~ 1.382	1.271 ~ 5.172	1.587 ~ 62.209	1.983 ~ inf.	3.164 ~ inf.
5.6	0.347 ~ 0.423	0.363 ~ 0.450	0.437 ~ 0.593	0.569 ~ 0.936	0.734 ~ 1.656	1.110 ~ 16.627	1.338 ~ inf.	1.601 ~ inf.	2.268 ~ inf.
8	0.336 ~ 0.445	0.350 ~ 0.476	0.416 ~ 0.646	0.530 ~ 1.099	0.665 ~ 2.332	0.947 ~ inf.	1.101 ~ inf.	1.267 ~ inf.	1.634 ~ inf.
11	0.322 ~ 0.482	0.334 ~ 0.520	0.391 ~ 0.745	0.485 ~ 1.483	0.590 ~ 5.917	0.789 ~ inf.	0.888 ~ inf.	0.988 ~ inf.	1.186 ~ inf.
16	0.304 ~ 0.550	0.315 ~ 0.604	0.362 ~ 0.966	0.435 ~ 3.136	0.513 ~ inf.	0.646 ~ inf.	0.707 ~ inf.	0.764 ~ inf.	0.870 ~ inf.
22	0.284 ~ 0.705	0.292 ~ 0.806	0.329 ~ 1.790	0.384 ~ inf.	0.438 ~ inf.	0.522 ~ inf.	0.558 ~ inf.	0.590 ~ inf.	0.646 ~ inf.

* Depth of Field Table (in meters)

MIDDLE : 25mm

F stop	Camera-to-subject distance (in meters)						Circle of least confusion 1/60mm		
	0.38	0.4	0.5	0.7	1.0	2.0	3.0	5.0	inf.
4.5	0.370 ~ 0.390	0.389 ~ 0.412	0.481 ~ 0.521	0.659 ~ 0.748	0.911 ~ 1.112	1.645 ~ 2.568	2.249 ~ 4.562	3.184 ~ 12.038	8.463 ~ inf.
5.6	0.368 ~ 0.393	0.386 ~ 0.415	0.476 ~ 0.527	0.649 ~ 0.761	0.891 ~ 1.144	1.576 ~ 2.768	2.118 ~ 5.258	2.923 ~ 18.762	6.789 ~ inf.
8	0.363 ~ 0.399	0.381 ~ 0.422	0.467 ~ 0.539	0.630 ~ 0.791	0.853 ~ 1.218	1.451 ~ 3.305	1.893 ~ 7.718	2.502 ~ inf.	4.832 ~ inf.
11	0.357 ~ 0.408	0.374 ~ 0.432	0.455 ~ 0.558	0.606 ~ 0.837	0.806 ~ 1.343	1.307 ~ 4.582	1.648 ~ 23.556	2.083 ~ inf.	3.447 ~ inf.
16	0.349 ~ 0.421	0.364 ~ 0.447	0.440 ~ 0.587	0.576 ~ 0.915	0.748 ~ 1.578	1.149 ~ 10.389	1.398 ~ inf.	1.692 ~ inf.	2.469 ~ inf.
22	0.338 ~ 0.441	0.352 ~ 0.471	0.420 ~ 0.635	0.538 ~ 1.057	0.681 ~ 2.116	0.986 ~ inf.	1.157 ~ inf.	1.345 ~ inf.	1.777 ~ inf.

* Depth of Field Table (in meters)

TELE : 45mm

F stop	Camera-to-subject distance (in meters)						Circle of least confusion 1/60mm		
	0.38	0.4	0.5	0.7	1.0	2.0	3.0	5.0	inf.
5.6	0.376 ~ 0.384	0.396 ~ 0.404	0.493 ~ 0.508	0.683 ~ 0.718	0.963 ~ 1.041	1.840 ~ 2.193	2.642 ~ 3.477	4.056 ~ 6.541	20.593 ~ inf.
8	0.375 ~ 0.385	0.394 ~ 0.406	0.490 ~ 0.511	0.677 ~ 0.725	0.949 ~ 1.058	1.783 ~ 2.283	2.522 ~ 3.717	3.773 ~ 7.475	14.730 ~ inf.
11	0.373 ~ 0.387	0.392 ~ 0.409	0.486 ~ 0.516	0.668 ~ 0.736	0.929 ~ 1.085	1.707 ~ 2.427	2.368 ~ 4.131	3.429 ~ 9.434	10.454 ~ inf.
16	0.370 ~ 0.391	0.389 ~ 0.412	0.480 ~ 0.522	0.656 ~ 0.753	0.903 ~ 1.125	1.611 ~ 2.667	2.180 ~ 4.913	3.040 ~ 15.069	7.431 ~ inf.
22	0.366 ~ 0.395	0.384 ~ 0.418	0.472 ~ 0.532	0.639 ~ 0.777	0.869 ~ 1.188	1.494 ~ 3.107	1.964 ~ 6.737	2.624 ~ 104.384	5.293 ~ inf.