



DOIT 3D Micro Performance

We have measured the performance of our prototype with a Nikon Microscope Mod. Eclipse and a 200 mm focal length tube lens

PARAMETER IN MICRONS	ONLY BRIGHTFIELD	OPTIMIZED FOR FLUORESCENCE	ONLY BRIGHTFIELD	OPTIMIZED FOR FLUORESCENCE
Lateral Field of View	776	776	349	353
Effective Lateral Resolution at Object Plane	2.5	4.9	0.9	2.2
Depth of Field	160	160	35	35
Minimum Axial Step	4.0	8.5	1.0	1.7

OBJECTIVES

20X
NA 0.5

40X
NA 0.75