

SingleShot™ Wide Field of View Objective Lens System

FIELD OF VIEW MATRIX

OBJECTIVE LENS	TUBE LENS				110 mm 1-290419	160 mm 1-290070
	Pixel Resolution (um)				1.26	1.80
	W.D. (mm)	DOF (mm)	Res. Limit (um)	Format	Diagonal	
160 mm NA: 0.094 1-290070	50	0.057	3.59	Mag.	0.71	1.00
				2/3"	15.48	10.98
				1"	22.52	15.98
				1.1"	24.60	17.46
				1.2"	27.16	19.27
				4/3"	31.67	22.47
110 mm NA: 0.136 1-290419	39	0.028	2.53	Mag.	1.01	1.41
				2/3"	10.92	7.78
				1"	15.88	11.32
				1.1"	17.35	12.36
				1.2"	19.16	13.65
				4/3"	22.33	15.91
80 mm NA: 0.188 1-290069	25	0.015	1.82	Mag.	1.40	2.01
				2/3"	7.88	5.47
				1"	11.46	7.96
				1.1"	12.52	8.70
				1.2"	13.83	9.60
				4/3"	16.12	11.20
53 mm NA: 0.283 1-290418	12	0.007	1.24	Mag.	2.09	3.01
				2/3"	5.26	3.65
				1"	7.65	5.32
				1.1"	8.35	5.81
				1.2"	9.22	6.41
				4/3"	10.75	7.47

Gray box: Contact your Navitar sales representative for further guidance when selecting this option.