

# Navitar Modular Tube Lens Imaging System for use with Infinity Corrected Objectives

Navitar's new line of modular tube lenses offer the ideal optical solution for OEM and research imaging and measurement applications including metrology, flat panel inspection and cell imaging.

## About the System:

- Apo and Infinity corrected optics designed for imaging onto a CCD camera
- Lateral and axial chromatic aberrations corrected across the entire field
- 0.5x, 1x and 2x modular design will cover camera sensors from 11-33mm
- 2 and 3 position objective changer for using multiple objectives
- Useful with brightfield, transmitted, kohler illumination and fluorescent imaging applications



## Field of View Matrix

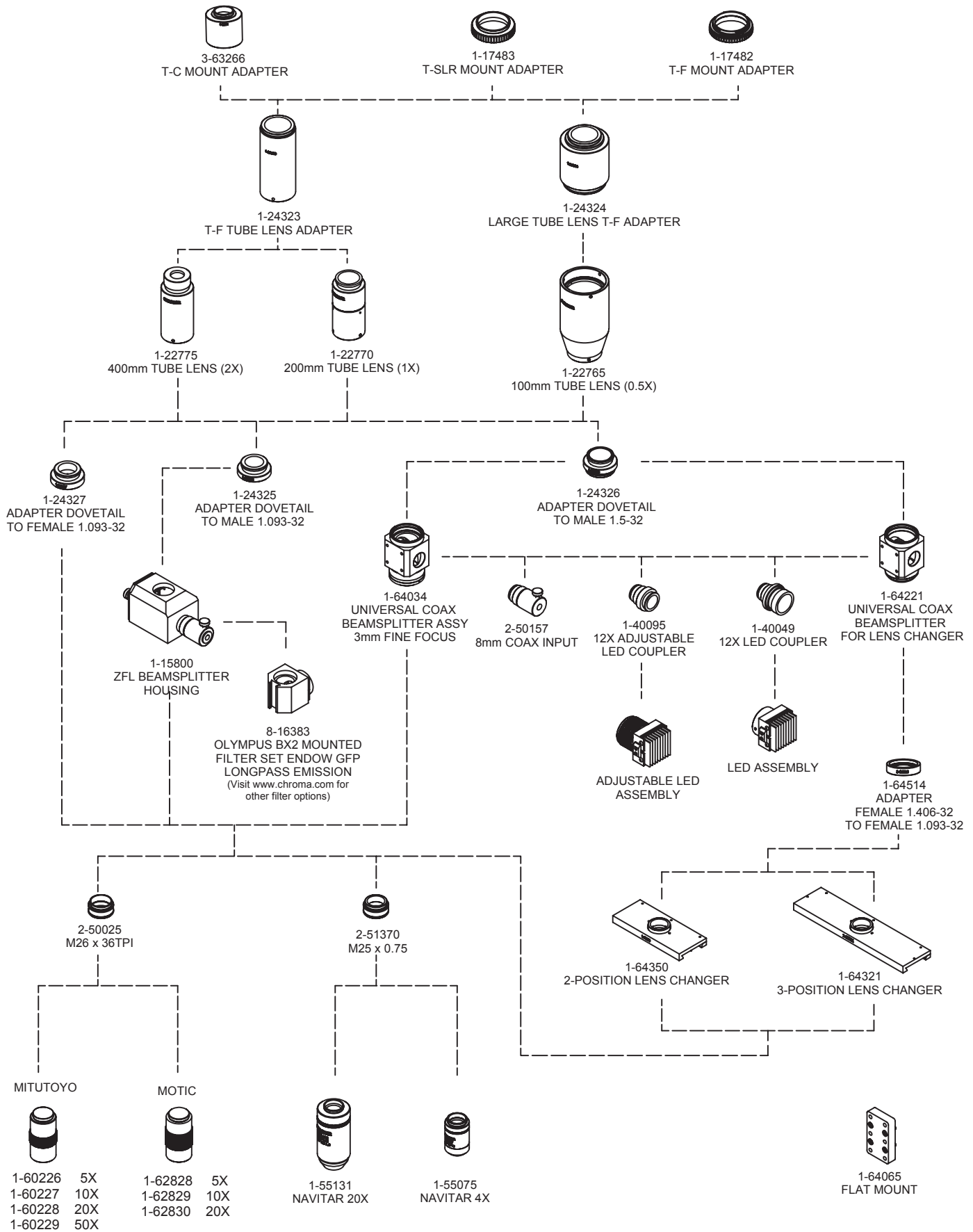
Objective Lens	Working Distance	Camera Formats	0.5X Tube Lens	1.0X Tube Lens	2.0X Tube Lens
4x Navitar	20mm	Field 2/3"	3.30 x 4.40	2.20 x 1.65	1.10 x 0.82
		Field 1"		3.20 x 2.40	1.60 x 1.20
		Field 4/3"		4.60 x 3.45	2.30 x 1.70
		33mm			3.30 x 2.40
5x Mitutoyo	34mm	Field 2/3"	3.52 x 2.64	1.76 x 1.32	0.88 x 0.66
		Field 1"		2.56 x 1.92	1.28 x 0.96
		Field 4/3"		3.46 x 2.60	1.73 x 0.30
		33mm			2.64 x 1.99
10x Mitutoyo	33.5mm	Field 2/3"	1.76 x 1.32	0.88 x 0.66	0.44 x 0.33
		Field 1"		1.28 x 0.96	0.64 x 0.48
		Field 4/3"		1.73 x 0.30	0.87 x 0.65
		33mm			1.32 x 0.99
20x Mitutoyo	20mm	Field 2/3"	0.88 x 0.66	0.44 x 0.33	0.22 x 0.16
		Field 1"		0.64 x 0.48	0.32 x 0.24
		Field 4/3"		0.87 x 0.65	0.43 x 0.32
		33mm			0.66 x 0.49
20x Navitar	1mm	Field 2/3"	0.88 x 0.66	0.44 x 0.33	0.22 x 0.16
		Field 1"		0.64 x 0.48	0.32 x 0.24
		Field 4/3"		0.87 x 0.65	0.43 x 0.32
		33mm			0.66 x 0.49
50x Mitutoyo	13mm	Field 2/3"	0.36 x 0.26	0.18 x 0.13	0.09 x 0.06
		Field 1"		0.26 x 0.19	0.13 x 0.09
		Field 4/3"		0.35 x 0.26	0.17 x 0.13
		33mm			0.26 x 0.19

Contact your Navitar representative for additional information and pricing.

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# Modular Tube Lens Imaging System Diagram



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