

Element	Degree of Freedom	Error budget			
		OAP Layout	DT Layout	DLT Layout	Zoom Layout
Dichroic	$\Delta\theta_x$	0.040''	0.052''	0.047''	0.066''
	$\Delta\theta_y$	0.044''	0.058''	0.045''	0.071''
Focussing Optic 1	$\Delta x$	0.50 $\mu\text{m}$	0.47 $\mu\text{m}$	0.47 $\mu\text{m}$	0.33 $\mu\text{m}$
	$\Delta y$	0.39 $\mu\text{m}$	0.42 $\mu\text{m}$	0.35 $\mu\text{m}$	0.28 $\mu\text{m}$
	$\Delta z$	70 $\mu\text{m}$	140 $\mu\text{m}$	140 $\mu\text{m}$	55 $\mu\text{m}$
	$\Delta\theta_x$	0.040''	0.83''	0.75''	0.68''
	$\Delta\theta_y$	0.043''	0.91''	0.70''	0.73''
	$\Delta\theta_z$	0.130''	n/a	n/a	n/a
FM1	$\Delta z$	0.37 $\mu\text{m}$	0.58 $\mu\text{m}$	0.59 $\mu\text{m}$	0.32 $\mu\text{m}$
	$\Delta\theta_x$	0.057''	0.073''	0.090''	0.084''
	$\Delta\theta_y$	0.098''	0.11''	0.049''	0.10''
Focussing Optic 2	$\Delta x$	n/a	n/a	n/a	0.52 $\mu\text{m}$
	$\Delta y$	n/a	n/a	n/a	0.44 $\mu\text{m}$
	$\Delta z$	n/a	n/a	n/a	71 $\mu\text{m}$
	$\Delta\theta_x$	n/a	n/a	n/a	2.60''
	$\Delta\theta_y$	n/a	n/a	n/a	2.75''
FM2	$\Delta z$	n/a	n/a	0.31 $\mu\text{m}$	n/a
	$\Delta\theta_x$	n/a	n/a	0.064''	n/a
	$\Delta\theta_y$	n/a	n/a	0.074''	n/a
CCD	$\Delta x$	0.50 $\mu\text{m}$	0.47 $\mu\text{m}$	0.47 $\mu\text{m}$	0.42 $\mu\text{m}$
	$\Delta y$	0.39 $\mu\text{m}$	0.42 $\mu\text{m}$	0.35 $\mu\text{m}$	0.35 $\mu\text{m}$
	$\Delta\theta_z^\dagger$	2.10''	2.75''	2.32''	3.0''
	$\Delta z$	70 $\mu\text{m}$	140 $\mu\text{m}$	140 $\mu\text{m}$	80 $\mu\text{m}$