

No	ITEM	SPEC	RESULT
1	Total Focus Deviation	Max-Min $\leq 0.20\mu\text{m}$	0.470 μm
2	Lens Astigmatism	$ V-H \leq 0.30\mu\text{m}$	0.224 μm
3	Lens Dynamic Distortion	X,Y = Within $\pm 50\text{nm}$	X = -2nm ~ 44nm Y = -20nm ~ -36nm
4	Wafer Flatness Accuracy	1) Flat Within \geq Max-Min 3.0 μm 2) L.F.S Within \geq Max-Min 0.8 μm	1. 1.443 μm 2. 0.45 μm
5	Exposure Power	Within $\geq 650\text{mW}/\text{cm}^2$	603mW/cm ²
6	Illumination Uniformity	Within $\pm 1.5\%$	0.839%
7	Stage Precision Accuracy 1) Stepping Accuracy 2) Backlash Accuracy	1) $3\sigma \leq 50\text{nm}$ 2) $3\sigma \leq 50\text{nm}$	1) X: 12nm Y: 16nm 2) X: 15nm Y: 13nm
8	Wafer Pre-Alignment Repeatability	$3\sigma \leq 15\mu\text{m}$	X : 4.113 μm Y : 5.488 μm T : 5.764 μm
9	Integrator Accuracy	Target: Ave $\leq 1\%$	Ave Max = 0.01%
10	Alignment Accuracy 1) FIA-EGA 2) LSA-EGA	FIA-EGA = $ M + 3\sigma \leq 75\text{nm}$ LSA-EGA = $ M + 3\sigma \leq 75\text{nm}$	1) X = $\pm 12\text{nm}$ Y = $\pm 75\text{nm}$ 2) X = $\pm 61\text{nm}$ Y = $\pm 14\text{nm}$