

Additional Configuration Files

Reticle Blind		Setting value	29/7/2023
XM Outside		400 ~ 800 um	600
XP Inside		400 ~ 800 um	500
YM Outside		400 ~ 800 um	650
YP Inside		400 ~ 800 um	600
Lens performance Data			
Illumination Check		Setting value	29/7/2023
ID1	Uniformity	≤ 0.8 %	0.314
	Power	> 3000 mw/cm2	3426
ID13	Uniformity	≤ 0.8 %	0.429
	Power	> 3000 mw/cm2	3400
ID15	Uniformity	≤ 0.8 %	0.425
	Power	> 3000 mw/cm2	3402
ID17	Uniformity	≤ 0.8 %	0.592
	Power	> 3000 mw/cm2	3402
ID21	Uniformity	≤ 0.8 %	0.265
	Power	> 3000 mw/cm2	3482
Wafer Stage Mirror Bow		Setting value	29/7/2023
Upper	Sub value X	≤ 8 nm	1.039
	Sub value Y	≤ 8 nm	3.893
Lower	Sub value X	≤ 8 nm	1.926
	Sub value Y	≤ 8 nm	3.993
Twist	Sub value X	≤ 8 nm	12.911
	sub value Y	≤ 8 nm	5.503
		Setting value	29/7/2023
Projection Lens Image Plane	Angle X	0 ± 1 urad	0.186
	Angle Y	0 ± 3 urad	-0.983
Field Inclination TFD	max - min	≤ 0.080 um	0.051
	All reading have?	Yes / No	YES
Flare check(Please inform EE when E0≤240mj)	E0	>=240 mj	420
Best Focus		0 ± 0.015 um	0.005
Wafer Loader Repeatability (Front)		Setting value	29/7/2023
Y 3Sigma		For reference only	6.187
Rot 3Sigma		For reference only	113.216
X 3Sigma		For reference only	8.776
Rot mean		For reference only	74.224
Y mean		For reference only	-2.779
X mean		For reference only	22.681
FIA Overlay Matching		Setting value	29/7/2023

Residual X 3Sigma		< 20nm	14.8
Residual Y 3Sigma		< 20nm	11.4
Plus/Minus Difference X		< 10nm	5.4
Plus/Minus Difference Y		< 10nm	5.2