

Standard Deformable Mirrors

DM Specifications*	Total Actuator Count	Actuator Count Across Aperture	Stroke (μm)	Aperture (mm)	Pitch (μm)	Mechanical Response (10% - 90%) (μs)	Approximate Interactuator Coupling (%)
Multi-C-1.5	137	13	1.5	3.60	300	<40	15%
Multi-C-1.5-L	137	13	1.5	4.80	400	<75	15%
Multi-3.5	140	12	3.5	4.40	400	<75	13%
Multi-3.5-L	140	12	3.5	4.95	450	<75	13%
Multi-5.5	140	12	5.5	4.95	450	<100	22%
Multi-SLM†	140	12	1.5	3.60	300	<20	0%
276-1.5	276	18	1.5	5.10	300	<40	15%
276-3.5	276	18	3.5	6.80	400	<75	13%
276-3.5-SLM†	276	18	3.5	7.20	400	<80	0%
276-5.5	276	18	5.5	7.65	450	<100	22%
492-1.5	492	24	1.5	6.90	300	<40	15%
492-3.5	492	24	3.5	9.20	400	<75	13%
492-3.5-SLM†	492	24	3.5	9.60	400	<80	0%
492-5.5	492	24	5.5	10.35	450	<100	22%
648-5.5	648	28	5.5	12.15	450	<100	22%
Kilo-C-1.5	952	34	1.5	9.90	300	<40	15%
Kilo-C-3.5	952	34	3.5	13.20	400	<75	13%
Kilo-C-3.5-SLM†	952	34	3.5	13.60	400	<80	0%
2K-1.5	2040	50	1.5	19.60	400	<40	15%
2K-1.5-SLM	2040	50	1.5	20.00	400	<20	0%
2K-3.5	2040	50	3.5	19.60	400	<75	15%
2K-3.5-SLM	2040	50	3.5	20.00	400	<20	0%
3K-1.5	3063	62	1.5	18.30	300	<40	15%
4K-3.5	4092	64	3.5	25.20	400	<100	13%

*High speed driver options are available.

† Segmented surface mirror. All other configurations have continuous surfaces.

Hex Deformable Mirrors

DM Specifications	Total Actuator Count	Hexagonal Segment Count	Stroke (μm)	Circular Aperture (mm)	Pitch (μm)	Mechanical Response (10% - 90%) (μs)	Approx. Interactuator Coupling (%)
Hex-111	111	37	3.5	3.60	375	<40	13%
Hex-111-X	111	37	3.5	3.60			
Hex-507	507	169	3.5	7.20			
Hex-507-S	507	169	1.0	7.20			
Hex-1011	1011	337	3.5	9.90			
Hex-1011-S	1011	337	1.0	9.90			

S-Class Deformable Mirrors

DM Specifications	Total Actuator Count	Actuator Count Across Aperture	Stroke (μm)	Aperture (mm)	Pitch (μm)	Mechanical Response (10% - 90%) (μs)	Approx. Interactuator Coupling (%)
492-S-1.0-DM	492	24	1.0	9.20	400	<40	15%
492-S-1.0-SLM†	492	24		9.60			0%
Kilo-CS-1.0-DM	952	34		13.20			15%
Kilo-CS-1.0-SLM†	952	34		13.60			0%

† Segmented surface mirror. All other configurations have continuous surfaces.