

## 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 (%)
<b>Multi-C-1.5</b>	137	13	1.5	3.60	300	<40	15%
<b>Multi-3.5</b>	140	12	3.5	4.40	400	<75	13%
<b>Multi-3.5-L</b>	140	12	3.5	4.95	450	<75	13%
<b>Multi-5.5</b>	140	12	5.5	4.95	450	<100	22%
<b>Multi-SLM†</b>	140	12	1.5	3.60	300	<20	0%
<b>492-1.5</b>	492	24	1.5	6.90	300	<40	15%
<b>492-1.5-SLM†</b>	492	24	1.5	7.20	300	<20	0%
<b>492-3.5</b>	492	24	3.5	9.20	400	<75	13%
<b>492-3.5-SLM†</b>	492	24	3.5	9.60	400	<80	0%
<b>492-5.5</b>	492	24	5.5	10.35	450	<100	22%
<b>648-5.5</b>	648	28	5.5	12.15	450	<100	22%
<b>Kilo-CS-0.6</b>	952	34	0.6	9.90	300	<20	15%
<b>Kilo-CS-0.6-SLM†</b>	952	34	0.6	10.20	300	<20	0%
<b>Kilo-CS-1.0</b>	952	34	1.0	13.20	400	<40	15%
<b>Kilo-CS-1.0-SLM†</b>	952	34	1.0	13.60	400	<40	0%
<b>Kilo-C-1.5</b>	952	34	1.5	9.90	300	<40	15%
<b>Kilo-C-1.5-SLM†</b>	952	34	1.5	10.20	300	<20	0%
<b>Kilo-C-3.5</b>	952	34	3.5	13.20	400	<75	13%
<b>Kilo-C-3.5-SLM†</b>	952	34	3.5	13.60	400	<80	0%
<b>2K-1.5</b>	2040	50	1.5	19.60	400	<40	15%
<b>2K-1.5-SLM</b>	2040	50	1.5	20.00	400	<20	0%
<b>2K-3.5</b>	2040	50	3.5	19.60	400	<75	15%
<b>2K-3.5-SLM</b>	2040	50	3.5	20.00	400	<20	0%
<b>3K-1.5</b>	3063	62	1.5	18.30	300	<40	15%

\*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-LL	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-LL	1011	337	3.5	9.90			
Hex-1011-S	1011	337	1.0	9.90			

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

## 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-DM	492	24	0.6	6.90	300	<20	15%
492-S-SLM†	492	24		7.20	300	<20	0%
492-SP-DM	492	24	1.0	9.20	400	<40	15%
492-SP-SLM†	492	24		9.60	400	<40	0%
Kilo-CS-DM	952	34	0.6	9.90	300	<20	15%
Kilo-CSP-DM	952	34	1.0	13.20	400	<40	15%
Kilo-CSP-SLM†	952	34		13.60	400	<40	0%

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