

SLC Baffle Heights H1, L1, H2
12/13/2010

H1, L1
OFI beam above base, mm 167.8
HAM4, HAM5, HAM10,
HAM11 Global Table Heights,
mm 325

L1	Global Coordinates, mm											Local Height, mm										
	OFI					Beam Height at Mirrors						Baffle Height Above Table										
ITM Wedge angle	HAM table height	beam height @ OFI	OFI base height	spacer thickness, mm	beam angle, deg	PR3	PR2	PRM	SR3	SR2	SRM	PR3	PR2	PRM	SR3 HR	SR3 HR SPACER	SR2 SCRAPER	SR2 SCRAPER SPACER	SR2 AR	SR2 AR SPACER	SRM HR	SRM HR SPACER
0.07						-93.41	-92.21	-101.34	-93.34	-82.96	-91.6	231.59	232.79	223.66	231.66	19.86	242.29	47.9	237.74	49.2	233.4	57.2
0.072	-325	-95.86	-263.66	61.34	-0.48	-93.79	-92.85	-102.24	-93.72	-83.58	-92.47	231.21	232.15	222.76	231.28	19.48	241.67	47.3	237.12	48.6	232.53	56.3
0.0725																						
0.074																						
0.074																						
0.076	-325								-94.5	-84.82	-94.25				230.5	18.7	240.43	46.1	235.88	47.4	230.75	54.6
0.077																						
0.077																						
0.078																						
0.0795																						
0.08	-325	-99.36	-267.16	57.84	-0.49	-95.33	-95.40	-105.83	-95.25	-86.08	-95.96	229.67	229.6	219.17	229.75	17.95	239.17	44.8	234.62	46.1	229.04	52.8
0.085						-96.29	-96.99	-108.07	-96.20	-87.64	-98.14	228.71	228.01	216.93	228.8	17	237.61	43.3	233.06	44.6	226.86	50.7
nominal spacer thickness				59.59												18.43		45.6		46.9		53.93
max difference				1.75												1.43		2.34		2.34		3.27
min difference				-1.75												-1.43		-2.34		-2.34		-3.27
Beam Dia Horizontal, mm						210.0	24.1	8.6	210.0	31.9	8.2				210.0		31.9		31.9		8.2	
Beam Dia Vertical, mm						260.0	29.9	10.6	260.0	39.5	10.1				260.0		39.5		39.5		10.1	
Hole Dia Horizontal, mm															218.0		39.9		39.9		16.2	
Hole Dia Vertical, mm															270.9		52.2		52.2		24.7	
H1	Global Coordinates, mm											Local Height, mm										
ITM Wedge angle	OFI					Beam Height at Mirrors						Baffle Height Above Table										
	HAM table height	beam height @ OFI	OFI base height	adapter thickness, mm	beam angle, deg	PR3	PR2	PRM	SR3	SR2	SRM	PR3	PR2	PRM	SR3 HR	SR3 HR SPACER	SR2 SCRAPER	SR2 SCRAPER SPACER	SR2 AR	SR2 AR SPACER	SRM HR	SRM HR SPACER
0.07						-93.41	-82.56	-91.69	-93.34	-102.23	-110.88	231.59	242.44	233.31	231.66	19.86	223.02	28.7	217.17		214.12	37.9
0.072	-325	-114.8	-282.6	42.4	-0.48																	
0.0725																						
0.074																						
0.074																						
0.076	-325								-94.5	-104.2	-113.51				230.5	18.7	221.05	26.7	215.20	26.7	211.49	35.3
0.077																						
0.077																						
0.078																						
0.0795																						
0.08	-325	-118.6	-286.4	38.6	-0.49	-95.33	-85.74	-96.17	-95.25	-105.35	-115.24	229.67	239.26	228.83	229.75	17.95	219.9	25.6	214.05	25.6	209.76	33.6
0.085						-96.29	-87.34	-98.45	-96.20	-106.91	-117.41	228.71	237.66	226.55	228.8	17	218.34	24.0	212.49	24.0	207.59	31.4
nominal spacer thickness				40.5												18.43		26.33		214.83		34.66
max difference				1.9												1.43		2.34		2.34		3.265
min difference				-1.9												-1.43		-2.34		-2.34		-3.265

Beam Dia Horizontal, mm						210.0	24.1	8.6	210.0	31.9	8.2					210.0		31.9		31.9		8.2
Beam Dia Vertical, mm						260.0	29.9	10.6	260.0	39.5	10.1					260.0		39.5		39.5		10.1
Hole Dia Horizontal, mm																218.0		39.9		39.9		16.2
Hole Dia Vertical, mm																270.9		52.2		52.2		24.6
H2																						
OFI beam above base, mm	167.8																					
	Global Coordinates, mm											Local Height, mm										
	OFI					Beam Height at Mirrors						Baffle Height Above Table										
ITM Wedge angle	HAM table height	beam height @ OFI	OFI base height	adapter thickness, mm	beam angle, deg	PR3	PR2	PRM	SR3	SR2	SRM	PR3	PR2	PRM	SR3 HR	SR3 HR SPACER	SR2 SCRAPER	SR2 SCRAPER SPACER	SR2 AR	SR2 AR SPACER	SRM HR	SRM HR SPACER
0.072	-325	-152.2	-320	5	-0.51	-113.12	-149.48	-167.95	-113.20	-130.90	-148.80	211.88	175.52	157.05	211.8	0.0	194.35	0.0	188.50	0.0	176.2	0.0
0.076	-325	-152.2	-320	5	-0.51	-113.12	-149.48	-167.95	-113.20	-130.90	-148.80	211.88	175.52	157.05	211.8	0.0	194.35	0.0	188.50	0.0	176.2	0.0
0.08	-325	-152.2	-320	5	-0.51	-113.12	-149.48	-167.95	-113.20	-130.90	-148.80	211.88	175.52	157.05	211.8	0.0	194.35	0.0	188.50	0.0	176.2	0.0
nominal spacer thickness				5												0		0		0		0
Beam Dia Horizontal, mm						210.0	24.3	8.1	210.0	25.6	10.1				210.0		25.6		25.6		10.1	
Beam Dia Vertical, mm						260.0	30.1	10.0	260.0	31.7	12.5				260.0		31.7		31.7		12.5	
Hole Dia Horizontal, mm																218.0		33.6		33.6		18.1
Hole Dia Vertical, mm																268.0		39.7		39.7		20.5