

SRM AR BAF SPACER HEIGHT

1/25/2012

IFO	H1		
ITM WEDGE ANGLE, deg	0.07	0.075	0.08
OPTICAL HEIGHT @ SRM AR BAF, mm	-109.51	-113.8	-118.02
HAM TABLE HEIGHT, mm	-325	-325	-325
HEIGHT OF HOLE ABOVE TABLE	215.49	211.23	206.98
HEIGHT OF HOLE ABOVE BAFFLE BASE	175.76	175.76	175.76
SPACER HEIGHT, mm	39.7	35.5	31.2
HEIGHT VARIATION FROM MID WEDGE ANGLE, 0.075	4.3	0.0	-4.3
IFO	L1		
ITM WEDGE ANGLE, deg	0.07	0.075	0.08
OPTICAL HEIGHT @ SRM AR BAF, mm	-90.2	-94.5	-98.7
HAM TABLE HEIGHT, mm	-325	-325	-325
HEIGHT OF HOLE ABOVE TABLE	234.8	230.55	226.3
HEIGHT OF HOLE ABOVE BAFFLE BASE	175.76	175.76	175.76
SPACER HEIGHT, mm	59.0	54.8	50.5
HEIGHT VARIATION FROM MID WEDGE ANGLE, 0.075	4.3	0.0	-4.3
IFO	H2		
ITM WEDGE ANGLE, deg	0.07	0.075	0.08
OPTICAL HEIGHT @ SRM AR BAF, mm	-143.86	-149.2	-154.61
HAM TABLE HEIGHT, mm	-325	-325	-325
HEIGHT OF HOLE ABOVE TABLE	181.14	175.76	170.39
HEIGHT OF HOLE ABOVE BAFFLE BASE	175.76	175.76	175.76
SPACER HEIGHT, mm	5.4	0.0	-5.4
HEIGHT VARIATION FROM MID WEDGE ANGLE, 0.075	5.4	0.0	-5.4

NOTE: the OFI input aperture = 19 mm dia; the SRM AR aperture = 29 mm dia
allowing +/- 5 mm positioning tolerance