

Lithium Fluoride VUV Grade (LiF)

Diameter tolerance	+0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	±0.008" (±0.2 mm)
Design Wavelength	0.20 microns
Focal Length Tolerance	±2%
Surface Quality	60/40
Clear Aperture	90% Central Diameter
Wedge Angle	< 3 arc min
Surface Irregularity	1/2 λ at 633 nm

CAT #	DIA, in	DIA, mm	FOC, mm	CT, mm	R, mm	ET, mm
LF-BX-12-12	0.5	12.7	12.7	5.9	10.209	1.5
LF-BX-12-25	0.5	12.7	25.4	3.4	21.830	1.5
LF-BX-12-50	0.5	12.7	50.8	2.4	44.360	1.5
LF-BX-12-76	0.5	12.7	76.2	2.1	66.810	1.5
LF-BX-25-25	1.0	25.4	25.4	10.5	20.700	2.0
LF-BX-25-50	1.0	25.4	50.8	5.7	43.850	2.0
LF-BX-25-63	1.0	25.4	63.5	5.0	55.210	2.0
LF-BX-25-76	1.0	25.4	76.2	4.4	66.530	2.0
LF-BX-25-100	1.0	25.4	100.0	3.9	87.300	2.0
LF-BX-25-150	1.0	25.4	150.0	3.2	131.83	2.0
LF-BX-38-38	1.5	38.1	38.1	15.6	30.970	2.5
LF-BX-38-50	1.5	38.1	50.8	11.4	42.950	2.5
LF-BX-38-63	1.5	38.1	63.5	9.4	54.500	2.5
LF-BX-38-76	1.5	38.1	76.2	8.1	65.770	2.5
LF-BX-38-100	1.5	38.1	100	6.7	87.100	2.5
LF-BX-38-150	1.5	38.1	150	5.3	131.22	2.5
LF-BX-50-50	2.0	50.8	50.8	20.4	41.400	3.0
LF-BX-50-76	2.0	50.8	76.2	15.9	53.260	3.0
LF-BX-50-100	2.0	50.8	100	10.6	86.500	3.0
LF-BX-50-150	2.0	50.8	150	8.0	130.92	3.0
LF-BX-50-200	2.0	50.8	200	6.7	175.39	3.0
LF-BX-50-250	2.0	50.8	250	5.9	220.30	3.0
LF-BX-50-500	2.0	50.8	500	4.5	440.60	3.0
LF-BX-76-150	3.0	76.2	150	14.9	130.02	3.5
LF-BX-76-200	3.0	76.2	200	11.9	174.58	3.5
LF-BX-76-250	3.0	76.2	250	10.2	218.30	3.5
LF-BX-76-500	3.0	76.2	500	6.8	438.50	3.5

Custom sizes and specifications are available