

Lithium Fluoride Vacuum UV 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

CATALOG #	DIA, in	DIA, mm	FOC, mm	CT, mm	R, mm	ET, mm
LF-PX-12-25	0.5	12.7	25	4.0	11.020	2.0
LF-PX-12-50	0.5	12.7	50	3.0	22.019	2.0
LF-PX-12-75	0.5	12.7	75	2.7	33.110	2.0
LF-PX-25-50	1.0	25.4	50	6.0	22.019	2.0
LF-PX-25-63	1.0	25.4	63	5.1	27.740	2.0
LF-PX-25-75	1.0	25.4	75	4.5	33.110	2.0
LF-PX-25-100	1.0	25.4	100	3.9	44.060	2.0
LF-PX-25-150	1.0	25.4	150	3.2	66.070	2.0
LF-PX-25-200	1.0	25.4	200	3.0	88.310	2.0
LF-PX-25-250	1.0	25.4	250	2.7	110.410	2.0
LF-PX-25-500	1.0	25.4	500	2.4	220.300	2.0
LF-PX-25-1000	1.0	25.4	1000	2.2	437.500	2.0
LF-PX-25-2000	1.0	25.4	2000	2.1	876.490	2.0
LF-PX-38-50	1.5	38.1	50	13.0	22.019	2.0
LF-PX-38-63	1.5	38.1	63	9.6	27.740	2.0
LF-PX-38-75	1.5	38.1	75	8.1	33.110	2.0
LF-PX-38-100	1.5	38.1	100	6.3	44.060	2.0
LF-PX-38-150	1.5	38.1	150	4.8	66.070	2.0
LF-PX-38-200	1.5	38.1	200	4.1	88.310	2.0
LF-PX-38-250	1.5	38.1	250	3.7	110.410	2.0
LF-PX-38-500	1.5	38.1	500	2.8	220.300	2.0
LF-PX-38-1000	1.5	38.1	1000	2.4	437.500	2.0
LF-PX-38-2000	1.5	38.1	2000	2.2	876.490	2.0
LF-PX-50-75	2.0	50.8	75	14.5	33.110	2.6
LF-PX-50-100	2.0	50.8	100	10.6	44.060	2.5
LF-PX-50-150	2.0	50.8	150	7.6	66.070	2.5
LF-PX-50-200	2.0	50.8	200	6.3	88.310	2.5
LF-PX-50-250	2.0	50.8	250	5.5	110.410	2.5
LF-PX-50-500	2.0	50.8	500	4.0	220.300	2.5
LF-PX-50-1000	2.0	50.8	1000	3.2	437.500	2.5
LF-PX-50-2000	2.0	50.8	2000	2.9	876.490	2.5
LF-PX-76-150	3.0	76.2	150	15.1	66.070	3.0
LF-PX-76-200	3.0	76.2	200	11.7	88.310	3.0
LF-PX-76-250	3.0	76.2	250	9.8	110.410	3.0
LF-PX-76-500	3.0	76.2	500	6.3	220.300	3.0
LF-PX-76-1000	3.0	76.2	1000	4.7	437.500	3.0
LF-PX-76-2000	3.0	76.2	2000	4.0	876.490	3.0

Custom sizes and specifications are available