

# Lithium Fluoride (LiF)

**Dia tolerance** +0,-0.005" (+0,-0.13mm)  
**Th tolerance** ±0.005" (±0.13mm)  
**Clear Aperture** 85%  
**Parallelism** 3 arc min  
**Flatness** 2 waves at 633 nm  
**Surface Finish** 40/20

CAT#	DIA, in	DIA, mm	TH, in	TH, mm
LF-W-12-1	0.5	12.7	0.039	1.0
LF-W-12-2	0.5	12.7	0.079	2.0
* LF-W-25-1	1.0	25.4	0.039	1.0
LF-W-25-2	1.0	25.4	0.079	2.0
LF-W-25-3	1.0	25.4	0.118	3.0
LF-W-25-4	1.0	25.4	0.157	4.0
LF-W-25-5	1.0	25.4	0.197	5.0
LF-W-25-6	1.0	25.4	0.236	6.0
* LF-W-38-1	1.5	38.1	0.039	1.0
LF-W-38-2	1.5	38.1	0.079	2.0
LF-W-38-3	1.5	38.1	0.118	3.0
LF-W-38-4	1.5	38.1	0.157	4.0
LF-W-38-5	1.5	38.1	0.197	5.0
LF-W-38-6	1.5	38.1	0.236	6.0
* LF-W-50-1	2.0	50.8	0.039	1.0
LF-W-50-2	2.0	50.8	0.079	2.0
LF-W-50-3	2.0	50.8	0.118	3.0
LF-W-50-4	2.0	50.8	0.157	4.0
LF-W-50-5	2.0	50.8	0.197	5.0
LF-W-50-6	2.0	50.8	0.236	6.0
LF-W-63-6	2.5	63.5	0.236	6.0
LF-W-63-8	2.5	63.5	0.315	8.0
LF-W-63-12	2.5	63.5	0.500	12.7
LF-W-76-6	3.0	76.2	0.236	6.0
LF-W-76-8	3.0	76.2	0.315	8.0
LF-W-76-12	3.0	76.2	0.500	12.7

*Custom sizes and specifications are available*

\*) Flatness: 4 waves at 633 nm per inch