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TECHSPEC® Lithium Fluoride (LiF) Windows


- High Transmission from 150nm - 6μm
- Excellent Vacuum UV (VUV) Transmission
- Low Index of Refraction

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Edges:	Fine Ground
Knoop Hardness (kg/mm²):	102.00	Parallelism (arcmin):	<3
Poisson's Ratio:	0.33	Young's Modulus (GPa):	64.97

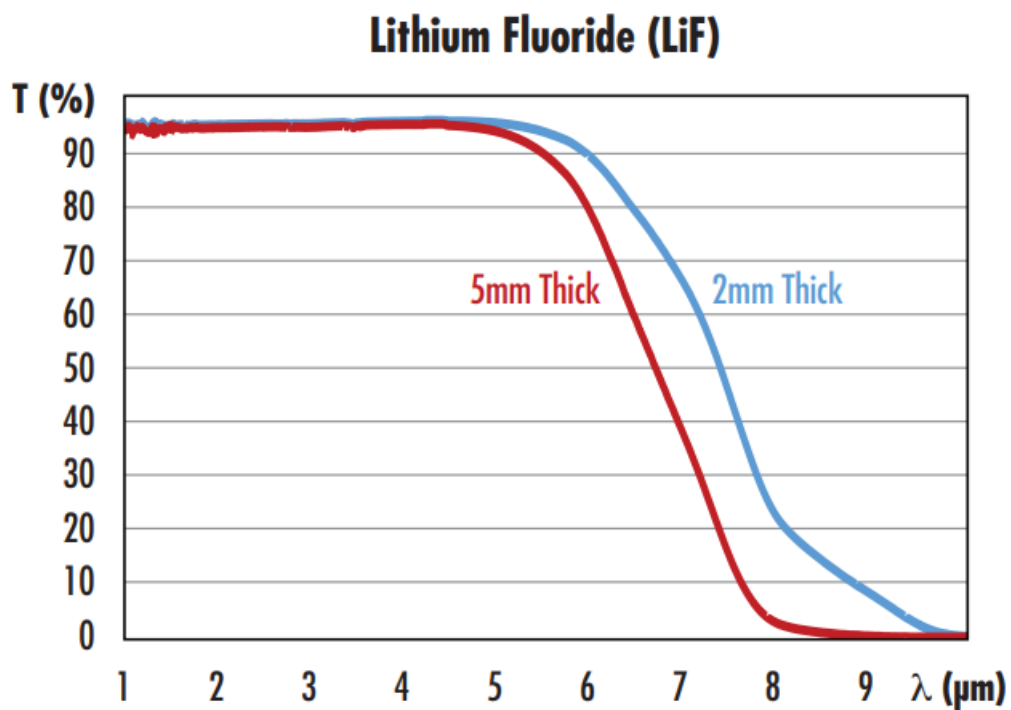
Optical Properties

Abbe Number (v_d):	97.29	Axis Orientation:	Random
Coating:	Uncoated	Substrate:	Lithium Fluoride (LiF)
Surface Quality:	60-40	Wavelength Range (nm):	150 - 6000

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	37	Density (g/cm³):	2.64
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Technical Information



Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
5.00	1.00	Uncoated	#19-724	S\$190.40 Volume Pricing	7 In Stock
10.00	1.00	Uncoated	#19-725	S\$246.40 Volume Pricing	Contact Us
12.50	1.00	Uncoated	#19-726	S\$326.20 Volume Pricing	1 In Stock
12.70	1.00	Uncoated	#16-804	S\$326.20 Volume Pricing	2 In Stock
20.00	2.00	Uncoated	#19-727	S\$452.20 Volume Pricing	9 In Stock
25.00	2.00	Uncoated	#19-728	S\$481.60 Volume Pricing	4 In Stock
25.40	1.00	Uncoated	#16-805	S\$532.00 Volume Pricing	5 In Stock
50.00	3.00	Uncoated	#19-729	S\$1,176.00 Volume Pricing	5 In Stock



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