

**TECHSPEC® 5mm Dia., 1mm Thick, Uncoated, Lithium Fluoride (LiF) Window**



Lithium Fluoride (LiF) Windows

Stock **#19-724** 10 TO 12 DAYS

⊖ 1 ⊕ **₹10,440.00**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-10                      |
| ₹10,440.00                    |
| Qty 11+                       |
| ₹9,396.00                     |
| Volume Pricing                |
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**Abbe Number (v<sub>d</sub>):**  
97.29

**Axis Orientation:**  
Random

**Bevel:**  
Protective as needed

|                                                                          |
|--------------------------------------------------------------------------|
| <b>Clear Aperture (%)</b> :<br>90                                        |
| <b>Clear Aperture CA (mm)</b> :<br>4.50                                  |
| <b>Diameter (mm)</b> :<br>5.00 +0.00/-0.10                               |
| <b>Thickness (mm)</b> :<br>1.00 ±0.10                                    |
| <b>Coating</b> :<br>Uncoated                                             |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C)</b> :<br>37 |
| <b>Density (g/cm³)</b> :<br>2.64                                         |
| <b>Edges</b> :<br>Fine Ground                                            |
| <b>Index of Refraction n<sub>d</sub></b> :<br>1.392                      |
| <b>Knoop Hardness (kg/mm²)</b> :<br>102                                  |
| <b>Parallelism (arcmin)</b> :<br><3                                      |
| <b>Poisson's Ratio</b> :<br>0.33                                         |
| <b>Substrate</b> :<br>Lithium Fluoride (LiF)                             |
| <b>Surface Flatness (P-V)</b> :<br>λ/2 @ 632.8nm                         |
| <b>Surface Quality</b> :<br>60-40                                        |
| <b>Type</b> :<br>Protective Window                                       |
| <b>Wavelength Range (nm)</b> :<br>150 - 6000                             |
| <b>Young's Modulus (GPa)</b> :<br>64.97                                  |

## Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS</b> :<br>Compliant                                  |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |