

TECHSPEC® 12.5mm Dia., 1mm Thick, Uncoated, Lithium Fluoride (LiF) Window



Lithium Fluoride (LiF) Windows

Stock **#19-726** 3-4 DAYS

- 1 + **£174.25**

ADD TO CART

Qty 1-10

£174.25

Qty 11+

£156.82

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Abbe Number (v_d):
97.29

Axis Orientation:
Random

Bevel:

Protective as needed
Clear Aperture (%) : 90
Clear Aperture CA (mm) : 11.25
Diameter (mm) : 12.50 +0.00/-0.10
Thickness (mm) : 1.00 ±0.10
Coating : Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C) : 37
Density (g/cm³) : 2.64
Edges : Fine Ground
Index of Refraction n_d : 1.392
Knoop Hardness (kg/mm²) : 102
Parallelism (arcmin) : <3
Poisson's Ratio : 0.33
Substrate : Lithium Fluoride (LiF)
Surface Flatness (P-V) : λ/2 @ 632.8nm
Surface Quality : 60-40
Type : Protective Window
Wavelength Range (nm) : 150 - 6000
Young's Modulus (GPa) : 64.97

Regulatory Compliance

RoHS : Compliant
Certificate of Conformance : View