

TECHSPEC® 25.4mm Dia., 1mm Thick, Uncoated, Lithium Fluoride (LiF) Window



Lithium Fluoride (LiF) Windows

Stock **#16-805** 10 TO 12 DAYS

⊖ 1 ⊕

₹29,145.00

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Qty 1-10
₹29,145.00
Qty 11+
₹26,231.00
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Abbe Number (v_d):
97.29

Axis Orientation:
Random

Bevel:
Protective as needed

Clear Aperture (%) : 85
Clear Aperture CA (mm) : 21.59
Diameter (mm) : 25.40 +0.00/-0.13
Thickness (mm) : 1.00 ±0.13
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 @ 0.6µm
Knoop Hardness (kg/mm²) : 102
Parallelism (arcmin) : <3
Poisson's Ratio : 0.33
Substrate : Lithium Fluoride (LiF)
Surface Flatness (P-V) : 2λ @ 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