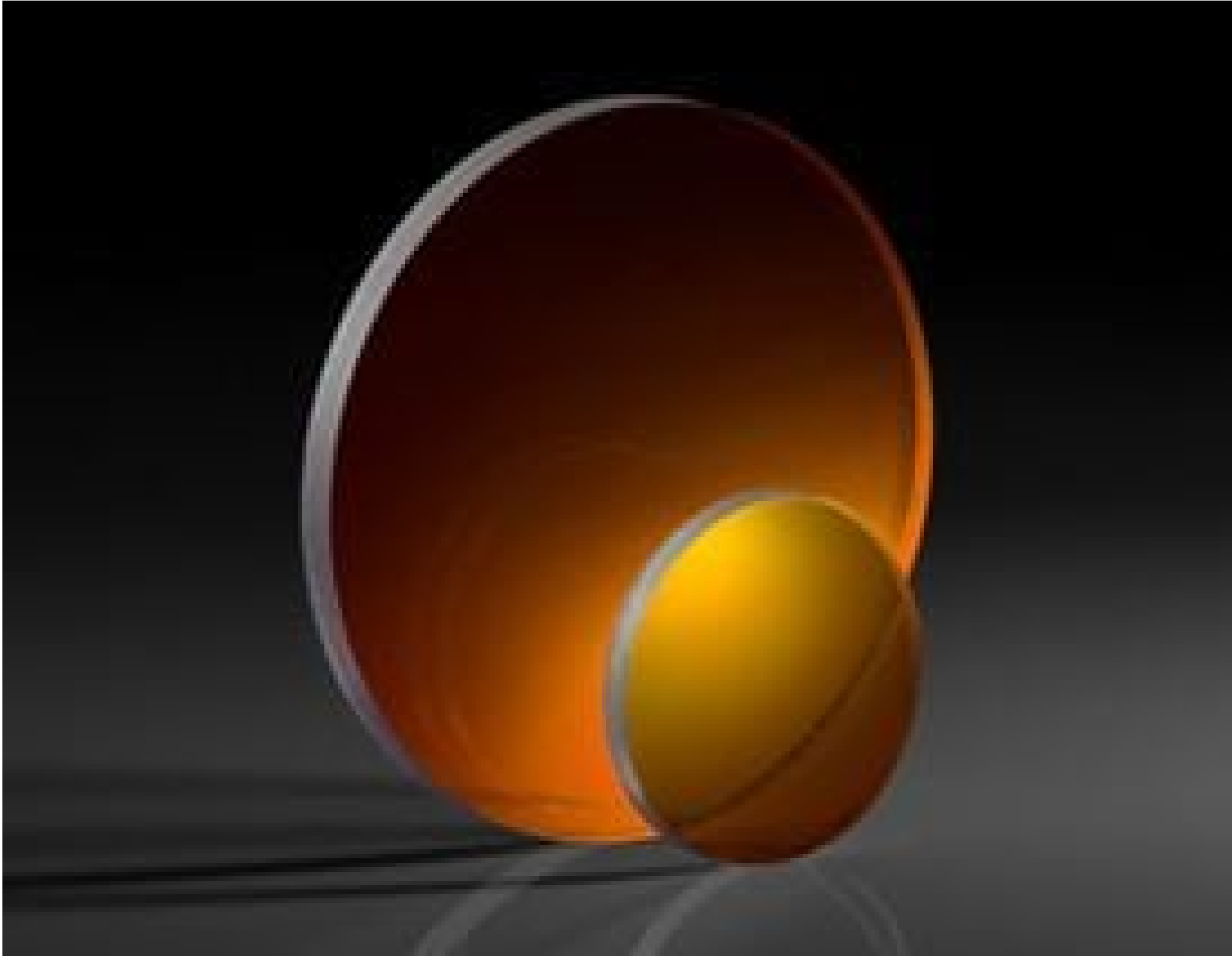


50.8mm Dia., 8mm Thick, Uncoated, ISP Optics Potassium Bromide (KBr) Window | KB-W-50-8

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Abbe Number (v_d):
33.64

Bevel:
Protective as needed

Clear Aperture (%) : 85
Clear Aperture CA (mm) : 43.18
Diameter (mm) : 50.80 +0.00/-0.13
Thickness (mm) : 8.00 ±0.13
Coating : Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C) : 43
Density (g/cm³) : 2.753
Edges : Fine Ground
Index of Refraction n_d : 1.56
Knoop Hardness (kg/mm²) : 7
Parallelism (arcmin) : <3
Poisson's Ratio : 0.203
Solubility, in 100g of H₂O @ 273K (g) : 53.48
Substrate : Potassium Bromide (KBr)
Surface Flatness (P-V) : λ/10 @ 10.6μ
Surface Quality : 60-40
Type : Protective Window
Wavelength Range (nm) : 250 - 26000
Young's Modulus (GPa) : 26.8
Model Number : KB-W-50-8

Regulatory Compliance

RoHS 2015 : Compliant
Certificate of Conformance : View