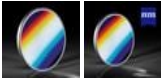


2400 Grooves/mm, 50mm Dia., 200nm Rowland Circle Concave Diffraction Grating

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ZEISS Concave Diffraction Gratings



Stock #11-539 ☐ In Stock

1

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Groove Density (grooves/mm): 2400 ±3	
Blaze Wavelength (nm): 200	
Diameter (mm): 50.00	

Coating: Bare Aluminum
Substrate: N-ZK7
Type: Rowland Circle
Diffraction Efficiency (%): ≥40 @ 215nm ≥33 @ 275nm ≥28 @ 375nm
Radius of Curvature (mm): 398.83
Groove Profile: Sinusoidal
Angle of Incidence, α (°): -40
Diffraction Angle, β @ 200nm (°): 9.4
Diffraction Angle, β @ 300nm (°): -4.4
Object Distance, l_a @ 200nm: 305.5
Focal Distance, l_b @ 200nm: 393.5
Edge Thickness ET (mm): 9.3
Diffraction Area Diameter (mm): ≥44

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View