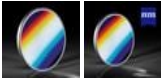


3600 Grooves/mm, 32mm Dia., 220nm Rowland Circle Concave Diffraction Grating

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ZEISS Concave Diffraction Gratings



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Groove Density (grooves/mm):
3600 ±1

Blaze Wavelength (nm):
220

Diameter (mm):
32.00

Coating: Bare Aluminum
Substrate: 
Type: Rowland Circle
Diffraction Efficiency (%) : ≥16 @ 225nm ≥42 @ 250nm ≥32 @ 300nm
Radius of Curvature (mm): 150.70
Groove Profile: Sinusoidal
Angle of Incidence, α (°): -40
Diffraction Angle, β @ 200nm (°): -4.4
Diffraction Angle, β @ 300nm (°): -25.9
Object Distance, l_a @ 200nm: 115.4
Focal Distance, l_b @ 200nm: 150.3
Edge Thickness ET (mm): 7.0
Diffraction Area Diameter (mm): ≥26

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View