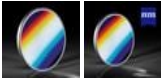


2700 Grooves/mm, 40mm Dia., 220nm Rowland Circle Concave Diffraction Grating

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ZEISS Concave Diffraction Gratings



Stock #11-537 3-4 DAYS

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Groove Density (grooves/mm):
2700 ±4

Blaze Wavelength (nm):
220

Diameter (mm):

40.00
Coating: Bare Aluminum
Substrate: 
Type: Rowland Circle
Diffraction Efficiency (%) : ≥30 @ 200nm ≥34 @ 265nm ≥32 @ 350nm
Radius of Curvature (mm): 501.19
Groove Profile: Sinusoidal
Angle of Incidence, α (°): -40
Diffraction Angle, β @ 200nm (°): 5.9
Diffraction Angle, β @ 300nm (°): -9.6
Object Distance, l_a @ 200nm: 383.9
Focal Distance, l_b @ 200nm: 498.5
Edge Thickness ET (mm): 12.2
Diffraction Area Diameter (mm): ≥35

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View