

Richardson Gratings™ 1800 Grooves, 12.7 x 12.7mm, 250-900nm, Plane Holographic Reflection Grating

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Richardson Gratings™ High Precision Reflective Holographic Diffraction Gratings



Stock **#15-751** ☐ In Stock

⊖ 1 ⊕

£114.75

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£114.75

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Groove Density (grooves/mm):
1800

Wavelength Range (nm):

250 - 900
Blaze Wavelength (nm): 450
Dimensions (mm): 12.7 x 12.7 ±0.1
Clear Aperture (%): >90
Coating: Aluminium
Construction: Holographic Grating
Length (mm): 12.70
Substrate: ☐ Float Glass
Thickness (mm): 6.00 ±0.5
Type: Reflective Diffraction Grating
Width (mm): 12.70
Reflected Wavefront, RMS: $\lambda/4$
Centering of Ruled Area on Substrate (mm): ±1
Alignment of Grooves to Edge (°): ±0.15
Groove Spacing Tolerance (%): <0.05
Polarization: S, P and Average
Master Reference: 320H
Spectral Order (m): 1

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View