

Richardson Gratings™ 300 Grooves, 25 x 25mm, 760nm, Plane Ruled Reflection Grating

See More by [Richardson Gratings™](#)



Richardson Gratings™ High Precision Plane Ruled Reflective Diffraction Gratings



Stock #37-129 3-4 DAYS



1



£142.80

ADD TO CART

Qty 1+

£142.80

Volume Pricing

[Request Quote](#)

⚠ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Groove Density (grooves/mm):
300

Wavelength Range (nm):
450 - 1400

Blaze Wavelength (nm):

760 ±25
Blaze Angle (°): 6.5
Peak Efficiency, Typical (%): 79
Dimensions (mm): 25.0 x 25.0 ±0.1
Clear Aperture (%): >90
Coating: Aluminium
Construction: Ruled Grating
Length (mm): 25.00
Substrate: ☐ Float Glass
Thickness (mm): 6.00 ±0.5
Type: Reflective Diffraction Grating
Width (mm): 25.00
Reflected Wavefront, RMS: λ/4
Centering of Ruled Area on Substrate (mm): ±1
Alignment of Grooves to Edge (°): ±0.15
Groove Spacing Tolerance (%): <0.05
Polarization: S and P
Master Reference: 1451
Spectral Order (m): 1

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View