

# Richardson Gratings™ 2400 Grooves, 12.7 x 12.7mm, 150-800nm, Plane Holographic Reflection Grating

See More by [Richardson Gratings™](#)



Richardson Gratings™ High Precision Reflective Holographic Diffraction Gratings



Stock **#15-757** 3-4 DAYS

1 **€135,00**

ADD TO CART

Qty 1+

€135,00

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Groove Density (grooves/mm):  
2400

Wavelength Range (nm):

|                                                           |
|-----------------------------------------------------------|
| 150 - 800                                                 |
| <b>Blaze Wavelength (nm):</b><br>250                      |
| <b>Dimensions (mm):</b><br>12.7 x 12.7 ±0.1               |
| <b>Clear Aperture (%):</b><br>>90                         |
| <b>Coating:</b><br>Aluminium                              |
| <b>Construction:</b><br>Holographic Grating               |
| <b>Length (mm):</b><br>12.70                              |
| <b>Substrate:</b> <input type="checkbox"/><br>Float Glass |
| <b>Thickness (mm):</b><br>6.00 ±0.5                       |
| <b>Type:</b><br>Reflective Diffraction Grating            |
| <b>Width (mm):</b><br>12.70                               |
| <b>Reflected Wavefront, RMS:</b><br>λ/4                   |
| <b>Centering of Ruled Area on Substrate (mm):</b><br>±1   |
| <b>Alignment of Grooves to Edge (°):</b><br>±0.15         |
| <b>Groove Spacing Tolerance (%):</b><br><0.05             |
| <b>Polarization:</b><br>S, P and Average                  |
| <b>Master Reference:</b><br>410H                          |
| <b>Spectral Order (m):</b><br>1                           |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |