

# Richardson Gratings™ 1800 Grooves, 30 x 30mm, 250-900nm, Plane Holographic Reflection Grating

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Richardson Gratings™ High Precision Reflective Holographic Diffraction Gratings



Stock **#15-753** 3-4 DAYS

⊖ 1 ⊕ **€175,00**

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| Qty 1-10                      |
| €175,00                       |
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| €140,00                       |
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ⓘ Prices shown are exclusive of VAT/local taxes

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|--------------------------------------------------------------------------------------------------------------------|
| <b>Groove Density (grooves/mm):</b><br>1800                                                                        |
| <b>Wavelength Range (nm):</b><br>250 - 900                                                                         |
| <b>Blaze Wavelength (nm):</b><br>450                                                                               |
| <b>Dimensions (mm):</b><br>30.0 x 30.0 ±0.1                                                                        |
| <b>Clear Aperture (%):</b><br>>90                                                                                  |
| <b>Coating:</b><br>Aluminium                                                                                       |
| <b>Construction:</b><br>Holographic Grating                                                                        |
| <b>Length (mm):</b><br>30.00                                                                                       |
| <b>Substrate:</b> <br>Float Glass |
| <b>Thickness (mm):</b><br>6.00 ±0.5                                                                                |
| <b>Type:</b><br>Reflective Diffraction Grating                                                                     |
| <b>Width (mm):</b><br>30.00                                                                                        |
| <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>320H                                                                                   |
| <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> |