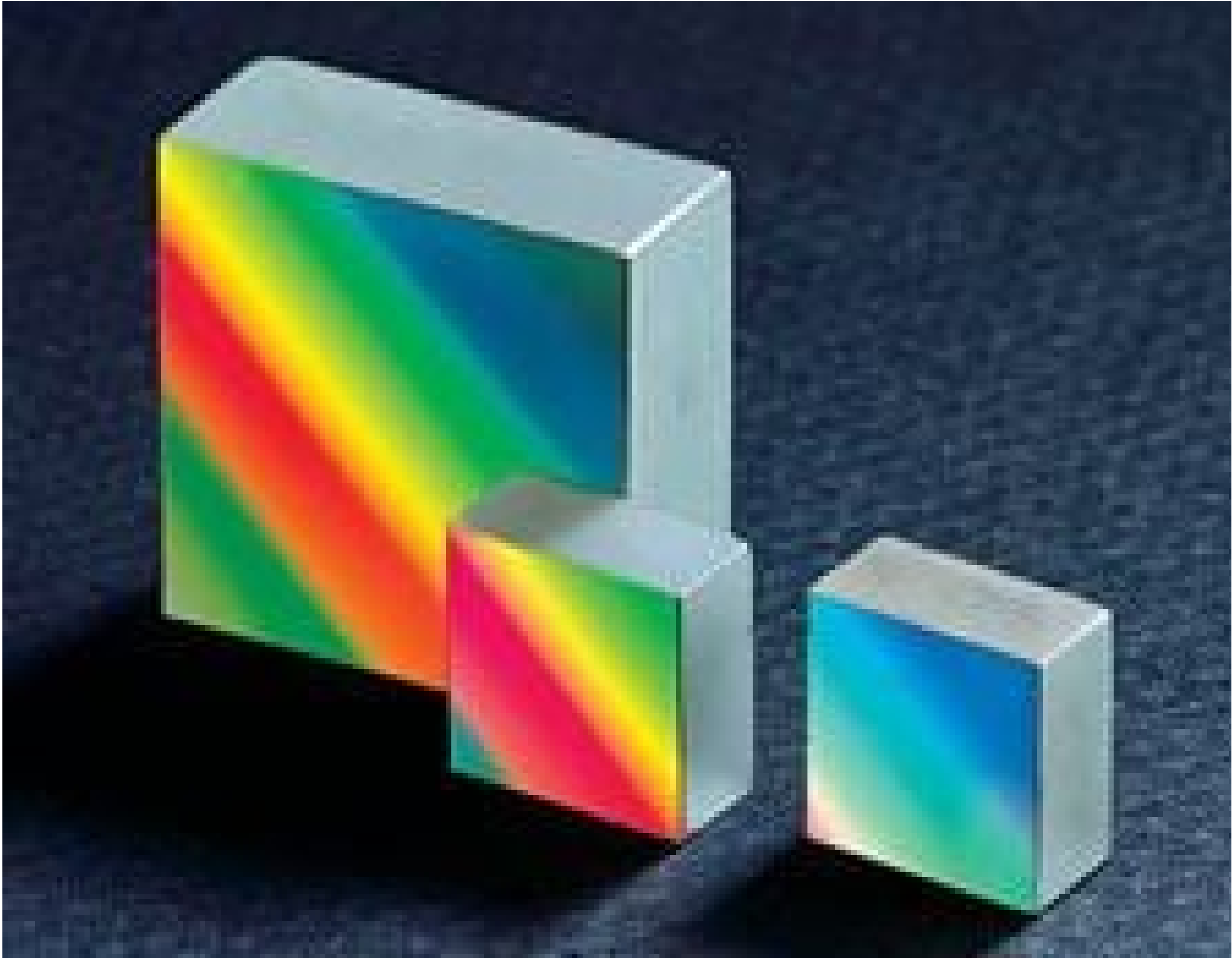


1200 Grooves, 30mm Square, 750nm NIR Ruled Grating



Stock **#55-261** 5 In Stock

-

1

+

₹15,492

ADD TO CART

Volume Pricing	
Qty 1+	₹15,492 each
Need More?	Request Quote

Product Downloads

General	
Reflective Diffraction Grating	Type:
Physical & Mechanical Properties	
30.0 x 30.0 ±0.5	Dimensions (mm):
90	Clear Aperture (%):
Ruled Grating	Construction:
	Direction of Grooves:

Parallel to Short Dimension	
30.00	Length (mm):
9.50 ±0.5	Thickness (mm):
30.00	Width (mm):
±0.5	Alignment of Grooves to Edge (°):

Optical Properties	
1200	Groove Density (grooves/mm):
700 - 3000	Wavelength Range (nm):
750	Blaze Wavelength (nm):
26.73	Blaze Angle (°):
Bare Gold	Coating:
Float Glass	Substrate: ☐

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

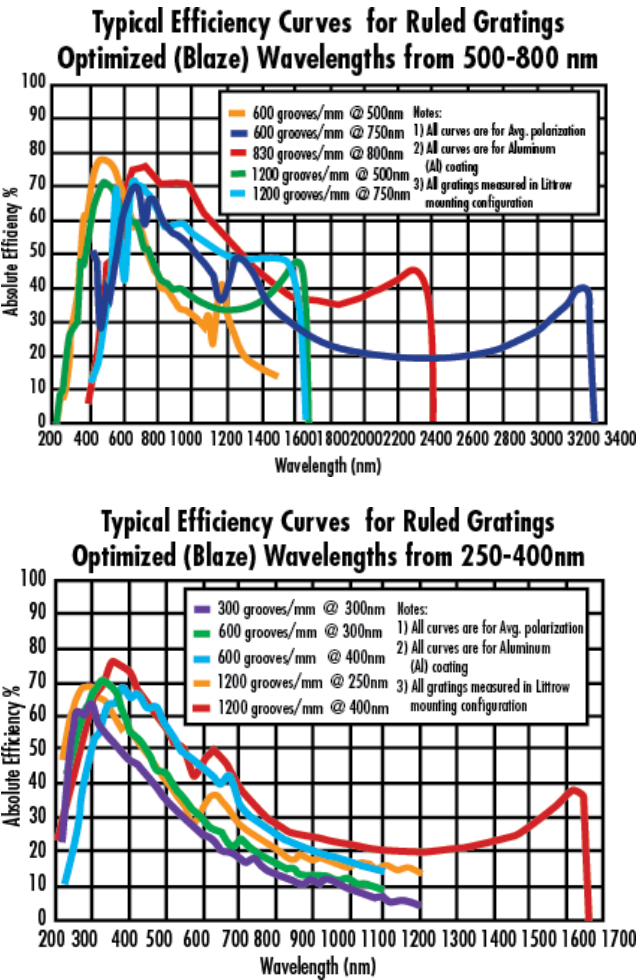
Product Details

• Increased Reflection from 700 - 1100nm

Near-IR (NIR) Reflective Gold Gratings are ruled gold-coated versions of our commercial gratings. These gratings provide increased reflection from 700 - 1100nm. This makes them an excellent choice for applications such as fiber optic pulse compression and spectroscopy setups using [silicon detectors](#). Near-IR (NIR) Reflective Gold Gratings feature a float glass substrate and a ruled grating construction. The gratings are available in three sizes, with varying groove densities and blaze wavelengths.

Handling Gratings: Gratings require special handling, making them prone to fingerprints and aerosols. Gratings should only be handled by the edges. Before attempting to clean a grating, please [contact us](#).

Technical Information



Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



Component Handling Tools

