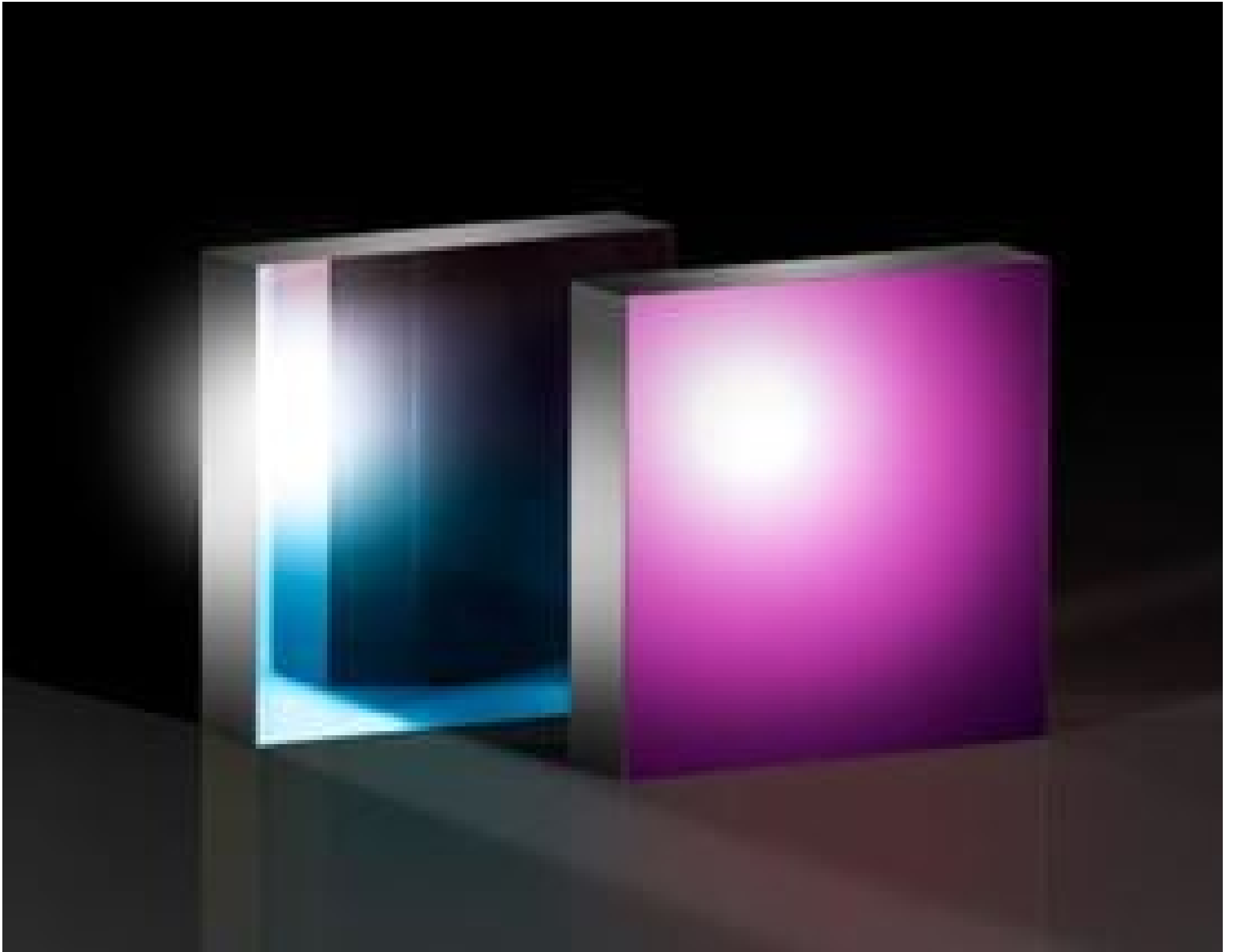


## 600 Grooves/mm, 13° Groove Angle, 12.7mm Sq, DUV Transmission Grating



DUV Transmission Gratings

Stock #73-794 NEW **2 In Stock**

€597<sup>40</sup>

ADD TO CART

Volume Pricing	
Qty 1+	€597,40 each
Need More?	<a href="#">Request Quote</a>

! Prices shown are exclusive of VAT/local taxes

Product Downloads

### SPECIFICATIONS

#### General

Transmission Diffraction Grating **Type:**

#### Physical & Mechanical Properties

**Dimensions (mm):**

12.70 x 12.70

90 **Clear Aperture (%):**

Ruled Grating **Construction:**

2.00 **Thickness (mm):**

### Optical Properties

600 **Groove Density (grooves/mm):**

190 - 400 **Wavelength Range (nm):**

13 **Blaze Angle (°):**

### Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 247:**

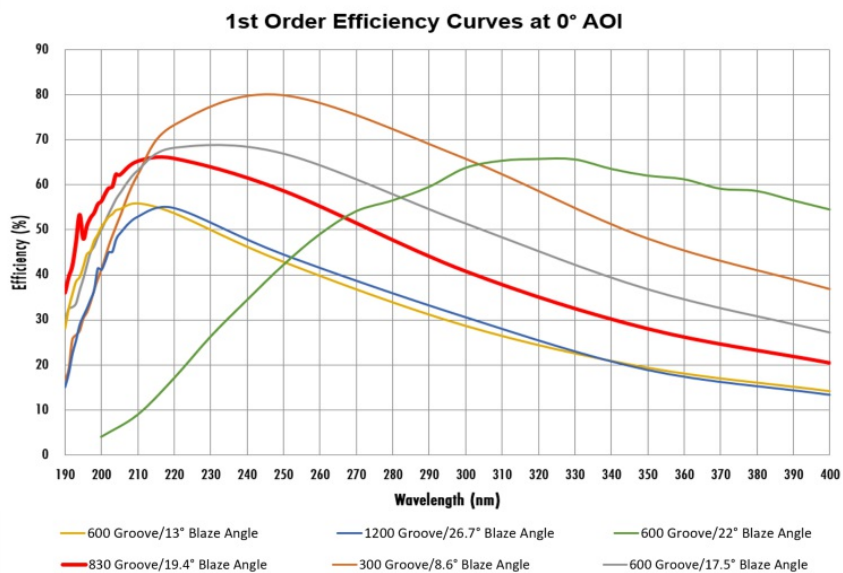
## PRODUCT DETAILS

- Designed for Deep Ultraviolet (DUV) Wavelengths between 190 - 400nm
- High Performance in Harsh Environments
- Multiple Diffraction Angles Available in 12.7 or 25mm Square Sizes
- 2025 SPIE Prism Award Winning Product

Omega Optical DUV Transmission Gratings are designed to extend into the deep UV range, covering 190 - 400nm. Featuring good environmental stability and resistance to solarization, these gratings offer high performance and durability for systems operating in harsh environments. These Gratings provide a diffraction efficiency of 20% for wavelengths greater than 190nm and up to 50% for wavelengths between 200 - 240nm. Omega Optical DUV Transmission Gratings are available in 12.7 and 25mm square construction with resolution ranges from 300 - 1200 grooves/mm. These gratings are ideal for applications that require high-performance solutions, such as semiconductor manufacturing and life science analysis.

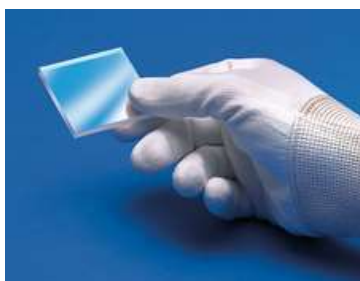
**Handling Gratings:** Gratings require special handling and are prone to damage from fingerprints and aerosols. Gratings should only be handled by the edges.

## 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