

[See all 12 Products in Family](#)

1200 Grooves/mm, 26.7° Groove Angle, 12.7mm Sq, DUV Transmission Grating



DUV Transmission Gratings

Stock #73-799 **2 In Stock**

MRP ₹66,084

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-9	₹66,084 each
Qty 10-24	₹59,474 each
Need More?	Request Quote

Product Downloads

General

Transmission Diffraction Grating **Type:**

Physical & Mechanical Properties

12.70 x 12.70 **Dimensions (mm):**

90 **Clear Aperture (%):**

Ruled Grating **Construction:**

2.00 **Thickness (mm):**

Optical Properties

1200 **Groove Density (grooves/mm):**

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

26.7 **Blaze Angle (°):**

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

Compliant **Reach 247:**

United States **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

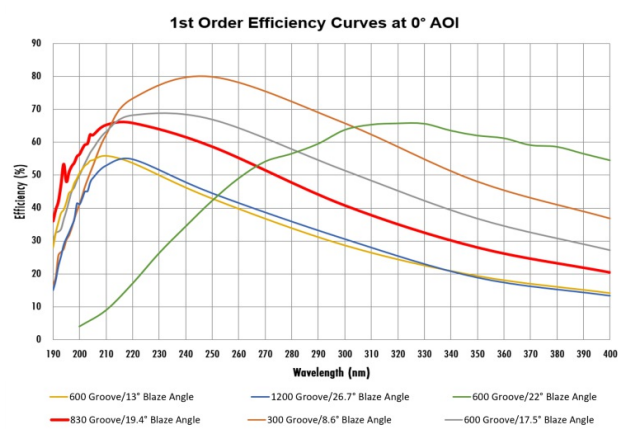
Product Details

- 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