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## Reflective Holographic Gratings



- Groove Density up to 3600 Grooves per mm
- Bare Aluminum Coating
- Sinusoidal Grating Profile
- Available Wavelength Range of 250 - 1500nm

### Common Specifications

#### Physical & Mechanical Properties

**Construction:** Holographic Grating

**Alignment of Grooves to Edge (°):** ±0.5

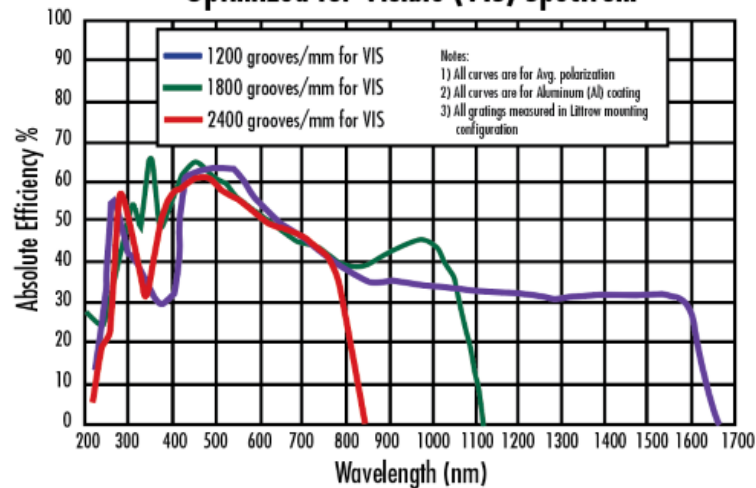
#### Optical Properties

**Coating:** Bare Aluminum

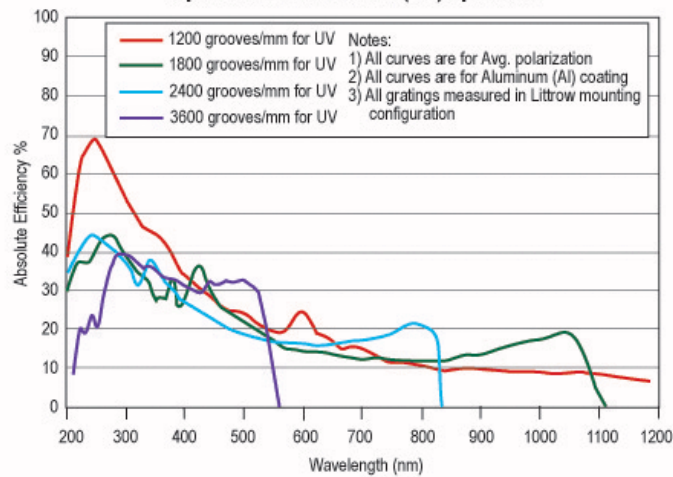
**Substrate:** Float Glass

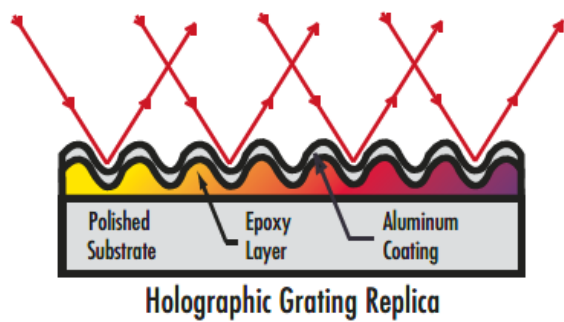
Technical Information

Typical Efficiency Curves for Holographic Gratings  
Optimized for Visible (VIS) Spectrum



Optimized for Ultraviolet (UV) Spectrum





## Products

| Groove Density<br>(grooves/mm) | Wavelength | Wavelength Range (nm) | Dimensions (mm) | Stock Number            | Price   | Buy         |
|--------------------------------|------------|-----------------------|-----------------|-------------------------|---------|-------------|
| 1200                           | VIS        | 400 - 700             | 12.5 x 25.0     | <a href="#">#43-215</a> | £117.32 | 3 In Stock  |
| 1800                           | UV         | 250 - 400             | 12.5 x 25.0     | <a href="#">#43-218</a> | £117.32 | 5 In Stock  |
| 1800                           | VIS        | 400 - 700             | 12.5 x 25.0     | <a href="#">#43-221</a> | £117.32 | 1 In Stock  |
| 2400                           | VIS        | 400 - 700             | 12.5 x 25.0     | <a href="#">#43-224</a> | £117.32 | 1 In Stock  |
| 3600                           | UV         | 250 - 400             | 12.5 x 25.0     | <a href="#">#43-227</a> | £117.32 | 6 In Stock  |
| 1200                           | UV         | 250 - 400             | 12.7 x 12.7     | <a href="#">#43-772</a> | £91.05  | 13 In Stock |
| 1200                           | VIS        | 400 - 700             | 12.7 x 12.7     | <a href="#">#43-773</a> | £91.05  | 4 In Stock  |
| 1800                           | UV         | 250 - 400             | 12.7 x 12.7     | <a href="#">#43-774</a> | £91.05  | 6 In Stock  |
| 1800                           | VIS        | 400 - 700             | 12.7 x 12.7     | <a href="#">#43-775</a> | £91.05  | Contact Us  |
| 2400                           | UV         | 250 - 400             | 12.7 x 12.7     | <a href="#">#43-776</a> | £91.05  | 5 In Stock  |
| 2400                           | VIS        | 400 - 700             | 12.7 x 12.7     | <a href="#">#43-777</a> | £91.05  | 13 In Stock |
| 3600                           | UV         | 250 - 400             | 12.7 x 12.7     | <a href="#">#43-778</a> | £91.05  | 3 In Stock  |
| 2400                           | VIS        | 400 - 700             | 25.0 x 25.0     | <a href="#">#43-225</a> | £147.96 | 1 In Stock  |
| 1800                           | VIS        | 400 - 700             | 25.0 x 25.0     | <a href="#">#43-222</a> | £147.96 | 3 In Stock  |
| 1800                           | UV         | 250 - 400             | 25.0 x 25.0     | <a href="#">#43-219</a> | £147.96 | 4 In Stock  |
| 1200                           | VIS        | 400 - 700             | 25.0 x 25.0     | <a href="#">#43-216</a> | £147.96 | 2 In Stock  |
| 3600                           | UV         | 250 - 400             | 25.0 x 25.0     | <a href="#">#43-228</a> | £147.96 | 4 In Stock  |
| 1200                           | VIS        | 400 - 700             | 30.0 x 30.0     | <a href="#">#55-264</a> | £201.37 | 5 In Stock  |
| 1800                           | VIS        | 400 - 700             | 30.0 x 30.0     | <a href="#">#55-265</a> | £201.37 | 5 In Stock  |
| 2400                           | VIS        | 400 - 700             | 30.0 x 30.0     | <a href="#">#55-266</a> | £201.37 | 4 In Stock  |
| 1200                           | UV         | 250 - 400             | 50.0 x 50.0     | <a href="#">#43-214</a> | £321.31 | 2 In Stock  |
| 1200                           | VIS        | 400 - 700             | 50.0 x 50.0     | <a href="#">#43-217</a> | £321.31 | 2 In Stock  |
| 1800                           | UV         | 250 - 400             | 50.0 x 50.0     | <a href="#">#43-220</a> | £321.31 | 4 In Stock  |
| 1800                           | VIS        | 400 - 700             | 50.0 x 50.0     | <a href="#">#43-223</a> | £321.31 | 1 In Stock  |

|      |     |           |             |                         |         |            |
|------|-----|-----------|-------------|-------------------------|---------|------------|
| 2400 | VIS | 400 - 700 | 50.0 x 50.0 | <a href="#">#43-226</a> | £321.31 | 2 In Stock |
| 1200 | UV  | 250 - 400 | 25.0 x 25.0 | <a href="#">#48-465</a> | £147.96 | 2 In Stock |
| 1800 | UV  | 250 - 400 | 30.0 x 30.0 | <a href="#">#48-466</a> | £201.37 | 2 In Stock |
| 2400 | UV  | 250 - 400 | 25.0 x 25.0 | <a href="#">#48-467</a> | £147.96 | 3 In Stock |
| 2400 | UV  | 250 - 400 | 30.0 x 30.0 | <a href="#">#48-468</a> | £201.37 | 1 In Stock |
| 3600 | UV  | 250 - 400 | 50.0 x 50.0 | <a href="#">#48-469</a> | £321.31 | 3 In Stock |



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