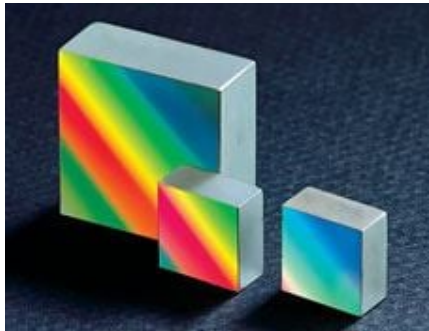


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Near-IR (NIR) Reflective Gold Gratings



- Increased Reflection from 700 - 1100nm



Common Specifications

Physical & Mechanical Properties

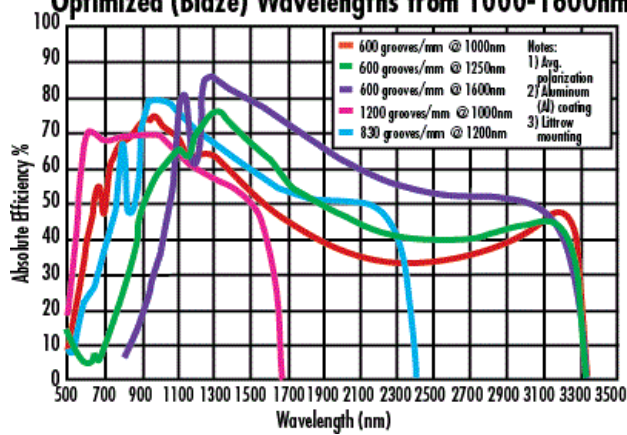
Clear Aperture (%):	90	Construction:	Ruled Grating
Direction of Grooves:	Parallel to Short Dimension	Alignment of Grooves to Edge (°):	±0.5

Optical Properties

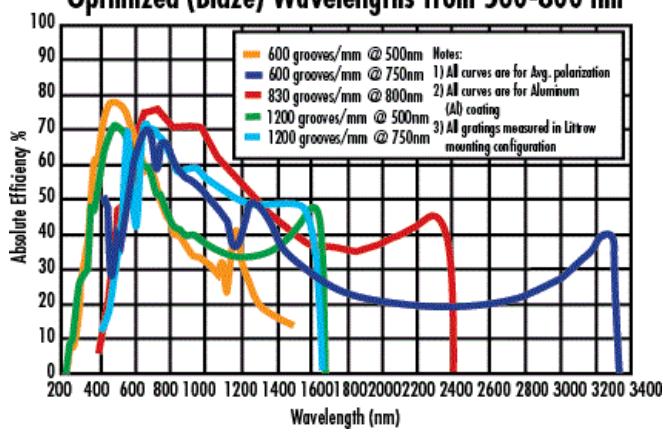
Wavelength Range (nm):	700 - 3000	Coating:	Bare Gold
Substrate:	Float Glass		

Technical Information

Typical Efficiency Curves for Ruled Gratings
Optimized (Blaze) Wavelengths from 1000-1600nm



Typical Efficiency Curves for Ruled Gratings
Optimized (Blaze) Wavelengths from 500-800 nm



Products

Groove Density (grooves/mm)	Wavelength Range (nm)	Blaze Wavelength (nm)	Dimensions (mm)	Stock Number	Price	Buy
300	700 - 3000	1000	12.7 x 12.7	#49-569	S\$217.00 Volume Pricing	4 In Stock
300	700 - 3000	1000	25.0 x 25.0	#49-572	S\$259.00 Volume Pricing	1 In Stock
600	700 - 3000	1000	12.7 x 12.7	#49-570	S\$217.00 Volume Pricing	20+ In Stock
600	700 - 3000	1000	25.0 x 25.0	#49-573	S\$259.00 Volume Pricing	3 In Stock
600	700 - 3000	1250	12.7 x 12.7	#49-571	S\$217.00 Volume Pricing	2 In Stock
600	700 - 3000	1250	25.0 x 25.0	#49-574	S\$259.00 Volume Pricing	5 In Stock
600	700 - 3000	1600	12.7 x 12.7	#54-850	S\$217.00 Volume Pricing	7 In Stock
600	700 - 3000	1600	25.0 x 25.0	#54-851	S\$259.00 Volume Pricing	3 In Stock
600	700 - 3000	1600	30.0 x 30.0	#48-427	S\$315.00 Volume Pricing	1 In Stock
830	700 - 3000	800	12.7 x 12.7	#43-849	S\$217.00 Volume Pricing	4 In Stock
830	700 - 3000	800	25.0 x 25.0	#43-850	S\$259.00 Volume Pricing	5 In Stock
830	700 - 3000	800	30.0 x 30.0	#55-262	S\$315.00 Volume Pricing	5 In Stock
830	700 - 3000	1200	12.7 x 12.7	#46-079	S\$217.00 Volume Pricing	10 In Stock
830	700 - 3000	1200	25.0 x 25.0	#46-080	S\$259.00 Volume Pricing	20+ In Stock
1200	700 - 3000	750	12.7 x 12.7	#43-847	S\$217.00 Volume Pricing	1 In Stock
1200	700 - 3000	750	25.0 x 25.0	#43-848	S\$259.00 Volume Pricing	5 In Stock
1200	700 - 3000	750	30.0 x 30.0	#55-261	S\$315.00 Volume Pricing	Contact Us
1200	700 - 3000	1000	12.7 x 12.7	#43-851	S\$217.00 Volume Pricing	8 In Stock

1200	700 - 3000	1000	25.0 x 25.0	#43-852	S\$259.00 Volume Pricing	20+ In Stock
1200	700 - 3000	1000	30.0 x 30.0	#55-263	S\$315.00 Volume Pricing	20+ In Stock



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