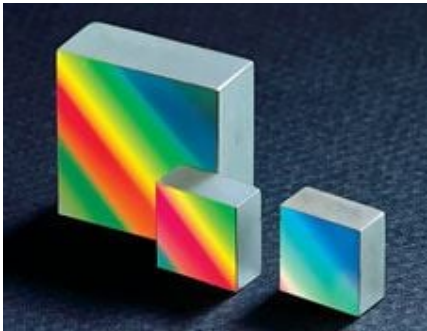


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Near-IR (NIR) Reflective Gold Gratings



- Increased Reflection from 700 - 1100nm



Common Specifications

Physical & Mechanical Properties

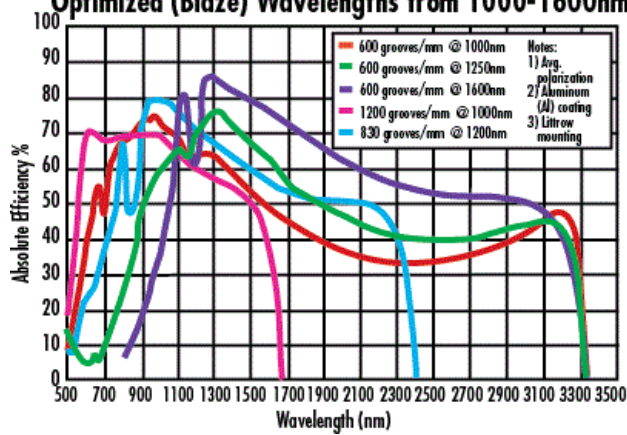
Clear Aperture (%):	90	Construction:	Ruled Grating
Direction of Grooves:	Parallel to Short Dimension	Alignment of Grooves to Edge (°):	±0.5

Optical Properties

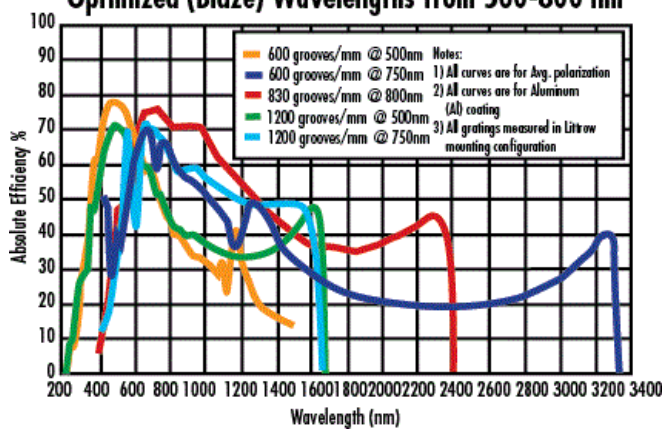
Wavelength Range (nm):	700 - 3000	Coating:	Bare Gold
Substrate:	Float Glass		

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	€138,00	3-4 days
300	700 - 3000	1000	25.0 x 25.0	#49-572	€163,00	3-4 days
600	700 - 3000	1000	12.7 x 12.7	#49-570	€138,00	3-4 days
600	700 - 3000	1000	25.0 x 25.0	#49-573	€163,00	3-4 days
600	700 - 3000	1250	12.7 x 12.7	#49-571	€138,00	In Stock
600	700 - 3000	1250	25.0 x 25.0	#49-574	€163,00	3-4 days
600	700 - 3000	1600	12.7 x 12.7	#54-850	€138,00	3-4 days
600	700 - 3000	1600	25.0 x 25.0	#54-851	€163,00	3-4 days
600	700 - 3000	1600	30.0 x 30.0	#48-427	€199,00	3-4 days
830	700 - 3000	800	12.7 x 12.7	#43-849	€138,00	3-4 days
830	700 - 3000	800	25.0 x 25.0	#43-850	€163,00	3-4 days
830	700 - 3000	800	30.0 x 30.0	#55-262	€199,00	In Stock
830	700 - 3000	1200	12.7 x 12.7	#46-079	€138,00	3-4 days
830	700 - 3000	1200	25.0 x 25.0	#46-080	€163,00	3-4 days
1200	700 - 3000	750	12.7 x 12.7	#43-847	€138,00	3-4 days
1200	700 - 3000	750	25.0 x 25.0	#43-848	€163,00	3-4 days

1200	700 - 3000	750	30.0 x 30.0	#55-261	€199,00	3-4 days
1200	700 - 3000	1000	12.7 x 12.7	#43-851	€138,00	3-4 days
1200	700 - 3000	1000	25.0 x 25.0	#43-852	€163,00	In Stock
1200	700 - 3000	1000	30.0 x 30.0	#55-263	€199,00	In Stock



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