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Reflective Ruled Diffraction Gratings



- Up to 80% Efficiency
- Bare Aluminum Coating
- Blaze Wavelength Options from 250 to 1600nm

Common Specifications

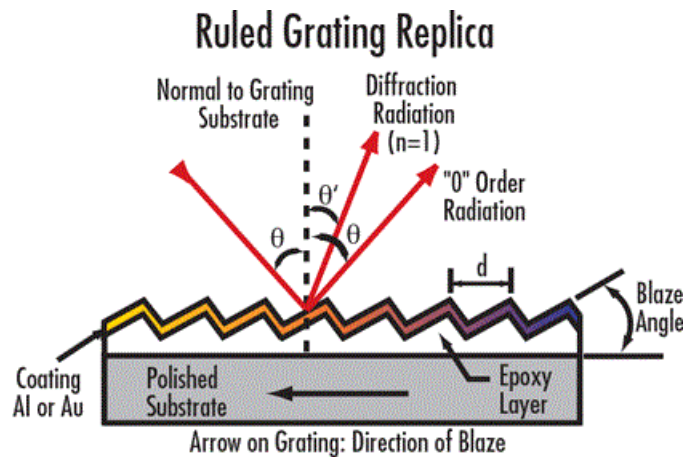
Physical & Mechanical Properties

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

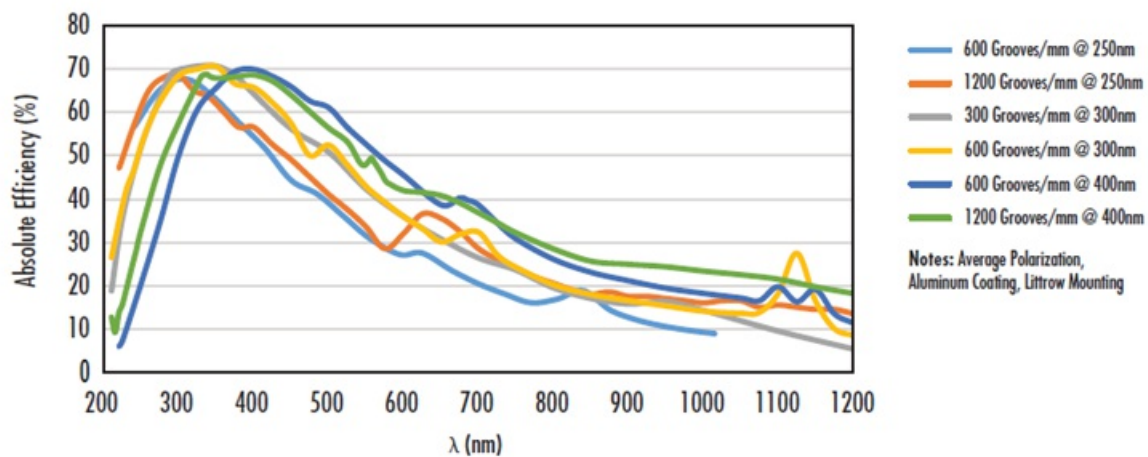
Optical Properties

Coating:	Bare Aluminum	Substrate:	Float Glass
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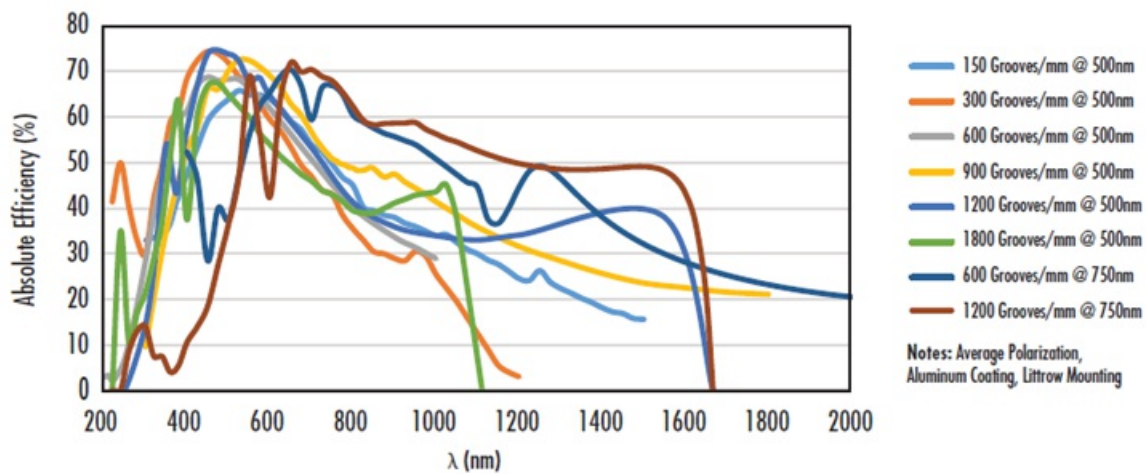
Technical Information



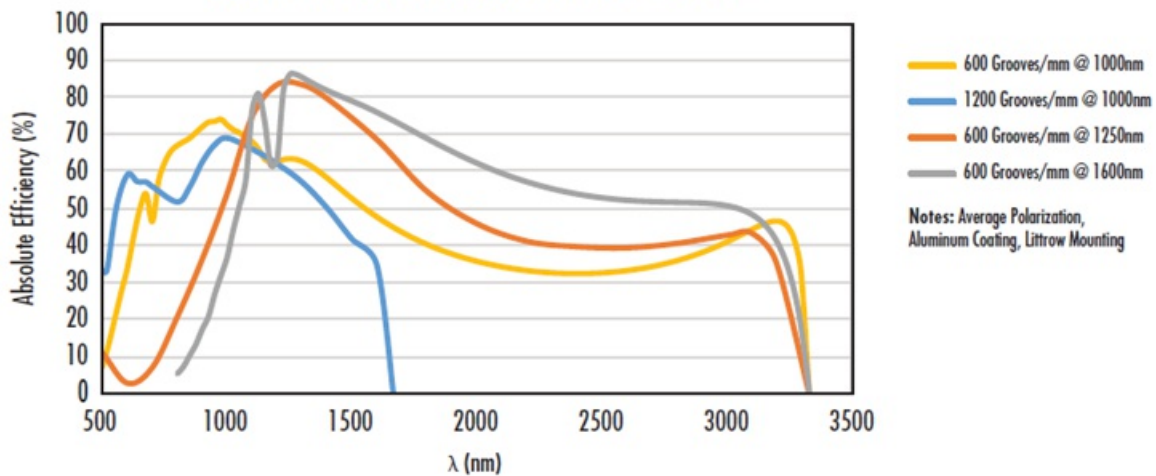
Typical Efficiency Curves for Ruled Gratings
Optimized (Blaze) Wavelengths from 250 - 400nm



Typical Efficiency Curves for Ruled Gratings
Optimized (Blaze) Wavelengths from 500 - 750nm



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



Products

Groove Density (grooves/mm)	Blaze Wavelength (nm)	Dimensions (mm)	Stock Number	Price	Buy
600	400	12.5 x 25.0	#41-021	€110,21	3 In Stock
600	500	12.5 x 25.0	#48-461	€110,21	5 In Stock
600	750	12.5 x 25.0	#41-020	€110,21	7 In Stock
1200	250	12.5 x 25.0	#41-039	€110,21	1 In Stock
1200	400	12.5 x 25.0	#41-048	€110,21	5 In Stock
1200	500	12.5 x 25.0	#43-004	€110,21	1 In Stock
1200	750	12.5 x 25.0	#43-209	€110,21	9 In Stock
150	500	12.7 x 12.7	#64-397	€83,95	5 In Stock
300	300	12.7 x 12.7	#43-737	€83,95	6 In Stock
300	500	12.7 x 12.7	#64-398	€83,95	5 In Stock
600	250	12.7 x 12.7	#43-739	€83,95	7 In Stock
600	300	12.7 x 12.7	#43-741	€83,95	6 In Stock
600	500	12.7 x 12.7	#43-742	€83,95	4 In Stock
600	750	12.7 x 12.7	#43-744	€83,95	20+ In Stock
600	1250	12.7 x 12.7	#43-746	€83,95	13 In Stock
600	1600	12.7 x 12.7	#43-748	€83,95	2 In Stock
600	400	12.7 x 12.7	#43-771	€83,95	14 In Stock
600	1000	12.7 x 12.7	#43-745	€83,95	10 In Stock
900	500	12.7 x 12.7	#64-399	€83,95	4 In Stock
1200	250	12.7 x 12.7	#43-750	€83,95	5 In Stock
1200	400	12.7 x 12.7	#48-464	€83,95	5 In Stock
1200	500	12.7 x 12.7	#43-751	€83,95	20+ In Stock
1200	750	12.7 x 12.7	#43-752	€83,95	14 In Stock

1200	1000	12.7 x 12.7	#43-753	€83,95	Contact Us
1800	240	12.7 x 12.7	#64-400	€83,95	5 In Stock
150	500	25.0 x 25.0	#64-402	€141,11	3 In Stock
300	300	25.0 x 25.0	#43-738	€141,11	5 In Stock
300	500	25.0 x 25.0	#64-403	€141,11	5 In Stock
600	250	25.0 x 25.0	#43-740	€141,11	5 In Stock
600	300	25.0 x 25.0	#43-001	€141,11	5 In Stock
600	400	25.0 x 25.0	#41-019	€141,11	12 In Stock
600	500	25.0 x 25.0	#43-743	€141,11	3 In Stock
600	750	25.0 x 25.0	#41-028	€141,11	20+ In Stock
600	1000	25.0 x 25.0	#43-207	€141,11	4 In Stock
600	1250	25.0 x 25.0	#43-747	€141,11	Contact Us
600	1600	25.0 x 25.0	#43-749	€141,11	8 In Stock
900	500	25.0 x 25.0	#64-404	€141,11	16 In Stock
1200	250	25.0 x 25.0	#41-037	€141,11	Contact Us
1200	400	25.0 x 25.0	#41-046	€141,11	10 In Stock
1200	500	25.0 x 25.0	#43-005	€141,11	4 In Stock
1200	750	25.0 x 25.0	#43-210	€141,11	4 In Stock
1200	1000	25.0 x 25.0	#43-754	€141,11	3 In Stock
1800	240	25.0 x 25.0	#64-405	€141,11	4 In Stock
600	400	30.0 x 30.0	#48-460	€169,95	3 In Stock
600	500	30.0 x 30.0	#46-075	€169,95	20+ In Stock
600	750	30.0 x 30.0	#55-258	€169,95	5 In Stock
600	1250	30.0 x 30.0	#46-076	€169,95	1 In Stock
600	1600	30.0 x 30.0	#55-259	€169,95	Contact Us
1200	250	30.0 x 30.0	#55-260	€169,95	4 In Stock

1200	500	30.0 x 30.0	#46-077	€169,95	2 In Stock
1200	750	30.0 x 30.0	#46-078	€169,95	3 In Stock
300	300	50.0 x 50.0	#48-459	€262,65	1 In Stock
600	300	50.0 x 50.0	#43-002	€262,65	3 In Stock
600	400	50.0 x 50.0	#41-016	€262,65	7 In Stock
600	500	50.0 x 50.0	#48-462	€262,65	2 In Stock
600	750	50.0 x 50.0	#41-025	€262,65	4 In Stock
600	1000	50.0 x 50.0	#43-208	€262,65	2 In Stock
600	1250	50.0 x 50.0	#48-463	€262,65	1 In Stock
1200	250	50.0 x 50.0	#41-034	€262,65	3 In Stock
1200	400	50.0 x 50.0	#41-043	€262,65	3 In Stock
1200	500	50.0 x 50.0	#43-006	€262,65	6 In Stock
1200	750	50.0 x 50.0	#43-211	€262,65	Contact Us



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