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Reflective Ruled Diffraction Gratings



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

Common Specifications

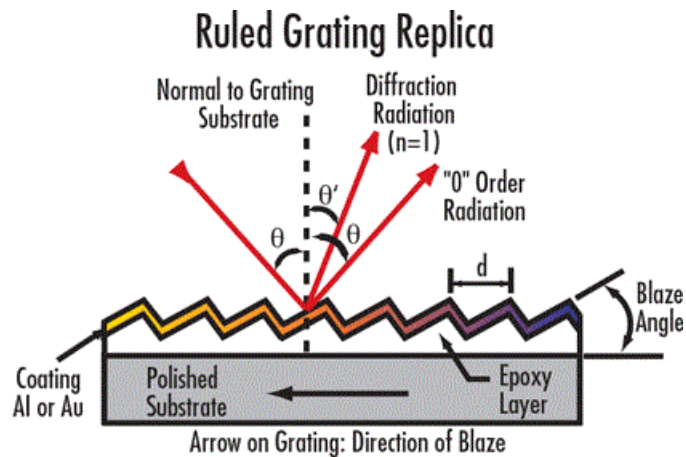
Physical & Mechanical Properties

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

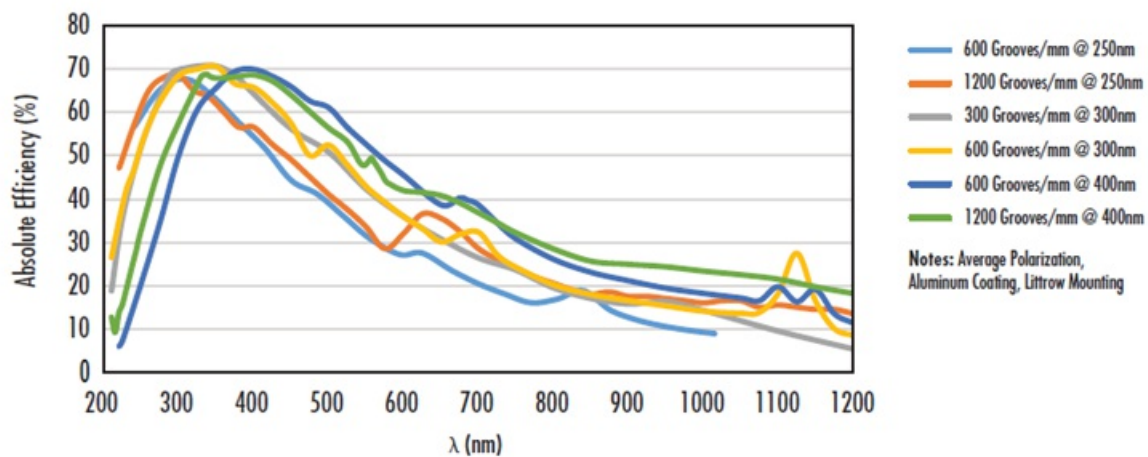
Optical Properties

Coating:	Bare Aluminum	Substrate:	Float Glass
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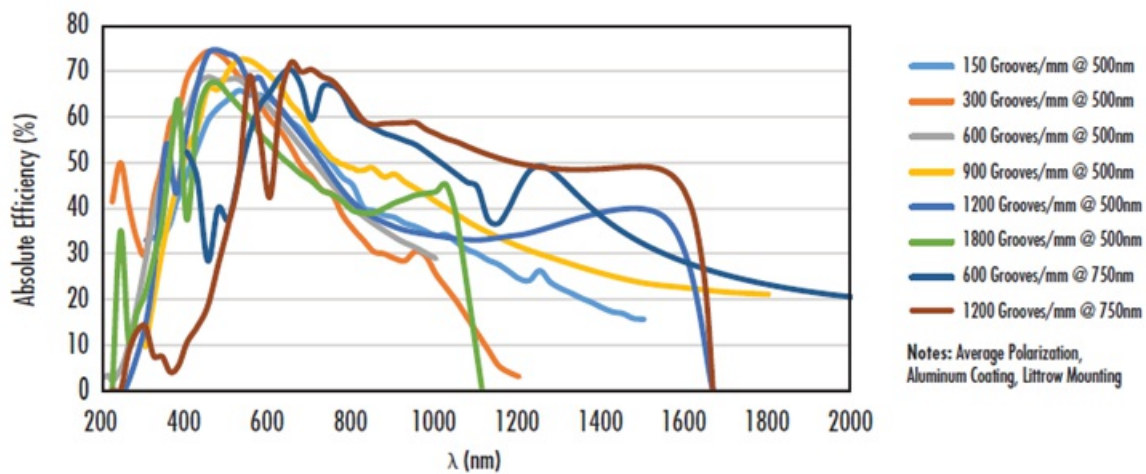
Technical Information



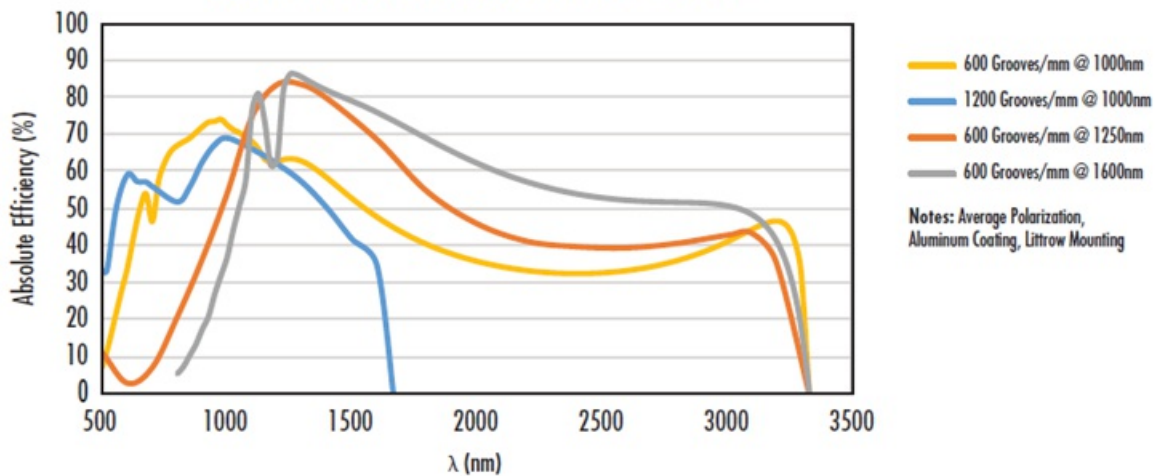
Typical Efficiency Curves for Ruled Gratings
Optimized (Blaze) Wavelengths from 250 - 400nm



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	A\$176.34	3 In Stock
600	500	12.5 x 25.0	#48-461	A\$176.34	3 In Stock
600	750	12.5 x 25.0	#41-020	A\$176.34	6 In Stock
1200	250	12.5 x 25.0	#41-039	A\$176.34	1 In Stock
1200	400	12.5 x 25.0	#41-048	A\$176.34	5 In Stock
1200	500	12.5 x 25.0	#43-004	A\$176.34	1 In Stock
1200	750	12.5 x 25.0	#43-209	A\$176.34	9 In Stock
150	500	12.7 x 12.7	#64-397	A\$134.31	5 In Stock
300	300	12.7 x 12.7	#43-737	A\$134.31	2 In Stock
300	500	12.7 x 12.7	#64-398	A\$134.31	5 In Stock
600	250	12.7 x 12.7	#43-739	A\$134.31	7 In Stock
600	300	12.7 x 12.7	#43-741	A\$134.31	6 In Stock
600	500	12.7 x 12.7	#43-742	A\$134.31	4 In Stock
600	750	12.7 x 12.7	#43-744	A\$134.31	20+ In Stock
600	1250	12.7 x 12.7	#43-746	A\$134.31	13 In Stock
600	1600	12.7 x 12.7	#43-748	A\$134.31	2 In Stock
600	400	12.7 x 12.7	#43-771	A\$134.31	14 In Stock
600	1000	12.7 x 12.7	#43-745	A\$134.31	10 In Stock
900	500	12.7 x 12.7	#64-399	A\$134.31	4 In Stock
1200	250	12.7 x 12.7	#43-750	A\$134.31	5 In Stock
1200	400	12.7 x 12.7	#48-464	A\$134.31	5 In Stock
1200	500	12.7 x 12.7	#43-751	A\$134.31	20+ In Stock
1200	750	12.7 x 12.7	#43-752	A\$134.31	14 In Stock

1200	1000	12.7 x 12.7	#43-753	A\$134.31	Contact Us
1800	240	12.7 x 12.7	#64-400	A\$134.31	5 In Stock
150	500	25.0 x 25.0	#64-402	A\$225.78	3 In Stock
300	300	25.0 x 25.0	#43-738	A\$225.78	4 In Stock
300	500	25.0 x 25.0	#64-403	A\$225.78	5 In Stock
600	250	25.0 x 25.0	#43-740	A\$225.78	5 In Stock
600	300	25.0 x 25.0	#43-001	A\$225.78	5 In Stock
600	400	25.0 x 25.0	#41-019	A\$225.78	12 In Stock
600	500	25.0 x 25.0	#43-743	A\$225.78	3 In Stock
600	750	25.0 x 25.0	#41-028	A\$225.78	20+ In Stock
600	1000	25.0 x 25.0	#43-207	A\$225.78	4 In Stock
600	1250	25.0 x 25.0	#43-747	A\$225.78	Contact Us
600	1600	25.0 x 25.0	#43-749	A\$225.78	8 In Stock
900	500	25.0 x 25.0	#64-404	A\$225.78	16 In Stock
1200	250	25.0 x 25.0	#41-037	A\$225.78	2 In Stock
1200	400	25.0 x 25.0	#41-046	A\$225.78	10 In Stock
1200	500	25.0 x 25.0	#43-005	A\$225.78	4 In Stock
1200	750	25.0 x 25.0	#43-210	A\$225.78	4 In Stock
1200	1000	25.0 x 25.0	#43-754	A\$225.78	3 In Stock
1800	240	25.0 x 25.0	#64-405	A\$225.78	4 In Stock
600	400	30.0 x 30.0	#48-460	A\$271.92	2 In Stock
600	500	30.0 x 30.0	#46-075	A\$271.92	20+ In Stock
600	750	30.0 x 30.0	#55-258	A\$271.92	5 In Stock
600	1250	30.0 x 30.0	#46-076	A\$271.92	1 In Stock
600	1600	30.0 x 30.0	#55-259	A\$271.92	5 In Stock
1200	250	30.0 x 30.0	#55-260	A\$271.92	4 In Stock
1200	500	30.0 x 30.0	#46-077	A\$271.92	1 In Stock

1200	750	30.0 x 30.0	#46-078	A\$271.92	3 In Stock
300	300	50.0 x 50.0	#48-459	A\$420.24	1 In Stock
600	300	50.0 x 50.0	#43-002	A\$420.24	3 In Stock
600	400	50.0 x 50.0	#41-016	A\$420.24	6 In Stock
600	500	50.0 x 50.0	#48-462	A\$420.24	6 In Stock
600	750	50.0 x 50.0	#41-025	A\$420.24	4 In Stock
600	1000	50.0 x 50.0	#43-208	A\$420.24	2 In Stock
600	1250	50.0 x 50.0	#48-463	A\$420.24	Contact Us
1200	250	50.0 x 50.0	#41-034	A\$420.24	3 In Stock
1200	400	50.0 x 50.0	#41-043	A\$420.24	3 In Stock
1200	500	50.0 x 50.0	#43-006	A\$420.24	14 In Stock
1200	750	50.0 x 50.0	#43-211	A\$420.24	4 In Stock



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