500 GROOVES, 12.5 X 12.5MM HIGH PERFORMANCE REFLECTION GRATING

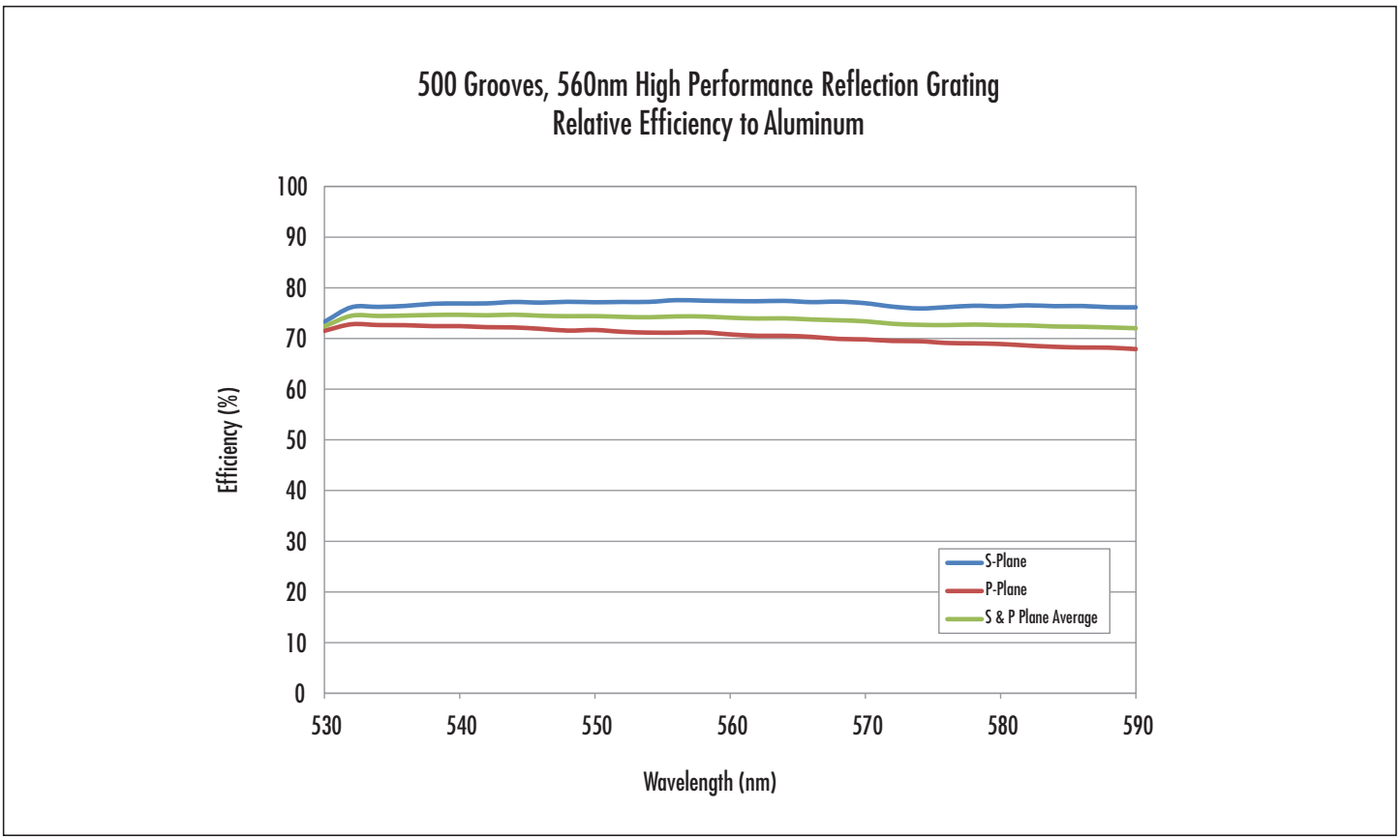
560nm • #37-122



- λ/4 Wave Reflected Wavefront
- Superior Dimensional Tolerances
- Groove Spacing Tolerance <0.05%

Groove Density (grooves/mm):	500
Blaze Wavelength (nm):	560.00
Blaze Angle:	8°
Dimensions (mm):	12.5 x 12.5
Dimensional Tolerance (mm):	±0.1
Clear Aperture (%):	>90
Coating:	Bare Aluminum
Construction:	Ruled Grating
Substrate:	Float Glass

Thickness (mm):	6.00
Thickness Tolerance (mm):	±0.3
Type:	Reflective Diffraction Grating
Reflected Wavefront, RMS:	λ/4
Efficiency (S & P Avg):	70% - 90% @ Blaze Wavelength
Centering of Ruled Area on Substrate:	±1mm
Alignment of Grooves to Edge:	±0.15°
Blaze Wavelength Tolerance (mm):	±25
Groove Spacing Tolerance:	<0.05%



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