

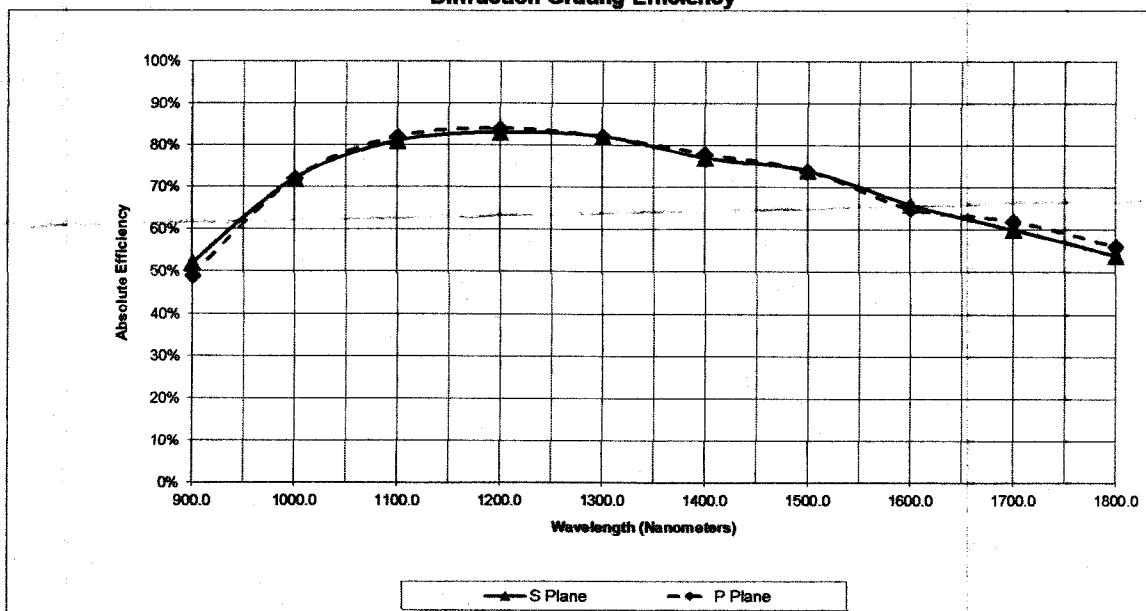


Experience | Solutions

Richardson Gratings
705 St Paul Street
Rochester, New York 14605 USA

Phone: (585) 248-4100
Fax: (585) 248-4111
gratingsales@newport.com
<http://www.newport.com>

Diffraction Grating Efficiency



Serial Number: 2904-1-1-2-7-2
Catalog Number: 65A48TB07-881R
G/mm: 97.4359
Groove Angle: 11.80698
Coating: Silver Transmission

Blaze Order: 1st
Slits: 8mm
I.R. Slits: 2mm
Operator: RI
Test Date: 6/25/2013

Reference: Measured and Reported Absolute
Polarization: S&P Plane Polarization

Efficiency			
WL	S Plane	P Plane	Avg S&P
900nm	52.00%	49.00%	50.50%
1000nm	72.00%	72.00%	72.00%
1100nm	81.00%	82.00%	81.50%
1200nm	83.00%	84.00%	83.50%
1300nm	82.00%	82.00%	82.00%
1400nm	77.00%	78.00%	77.50%
1500nm	74.00%	74.00%	74.00%
1600nm	66.00%	65.00%	65.50%
1700nm	60.00%	62.00%	61.00%
1800nm	54.00%	56.00%	55.00%