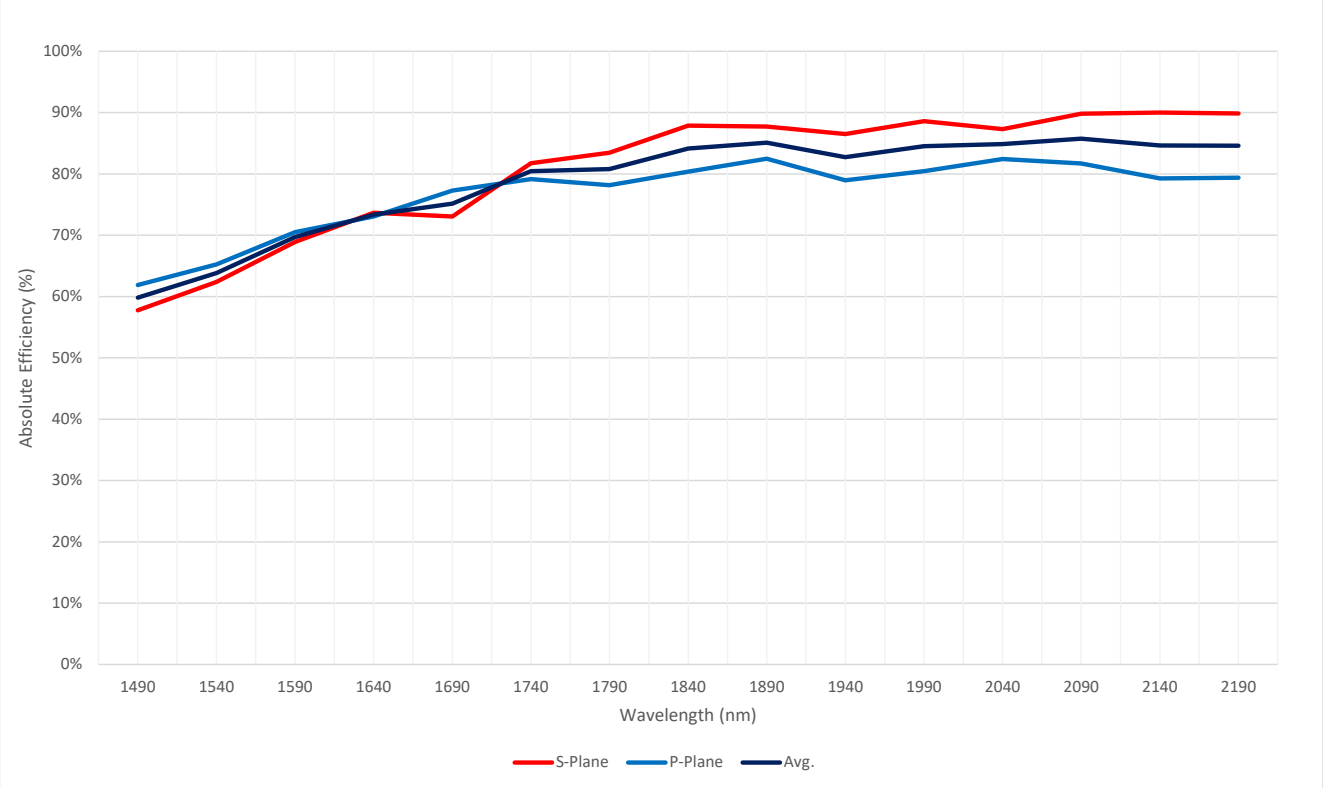
705 St Paul Street
Rochester, New York 14605 USA
tel: +1 585 248 4100 • fax: +1 585 248 4111
gratings@newport.com • http://gratinglab.com

Catalog No.	53-*-297R			
Grating Description	110.2 g/mm plane ruled reflection grating with a 6° nominal blaze angle			
Master No.	MR289			
	Maximum Ruled Area:	groove length	102 mm	
		ruled width	102 mm	
Efficiency Curve	Spectral Order	m=1	Polarization(s)	S, P, Average
	Coating	Aluminum		
Remarks	Measured in Near Littrow			

Diffraction Grating Efficiency



Efficiency curves are only representative: actual efficiency may vary significantly depending on use geometry and measurement technique. This efficiency curve is for master MR289; two masters with the same catalog number may have different efficiency curves. The uncertainty band on the data in the above efficiency curve(s) is +/- three percentage points.

Contact Newport Technical Support at (877)835-9620 Mon.-Fri.5am - 5pm PST or online at https://www.newport.com/contact-us with questions or for more information. This data may be used but MKS Newport must be cited as the source.