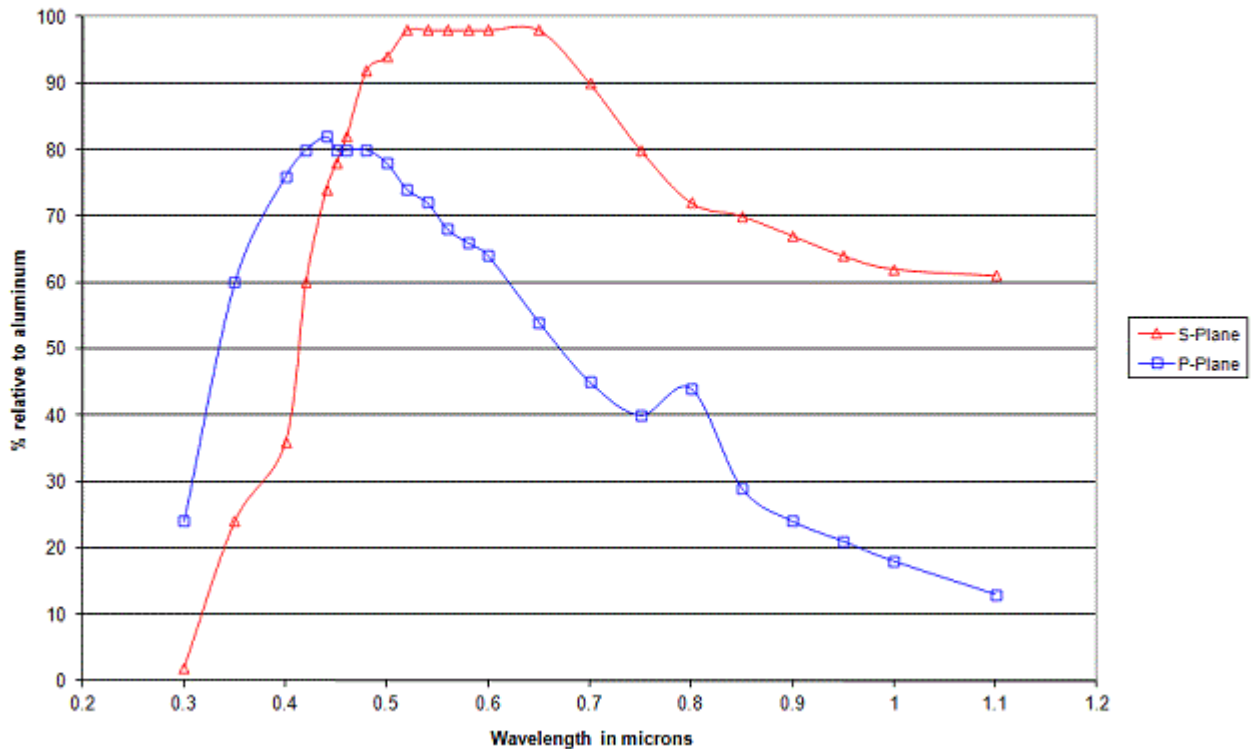


## DIFFRACTION GRATING SPECIFICATION SHEET

Catalog no.	<b>53-*-280R</b>	3/10/2020
Grating Description	<b>1200 g/mm plane ruled reflection grating with 17.5° nominal blaze angle</b>	
Master no.	1597	
Maximum Ruled Area:		groove length
		154 mm
		ruled width:
		206 mm

Efficiency Curve	spectral order:	m = 1	polarization(s):	S and P
	Coating:	aluminum		
Remarks:				

**1597-1, 1200 g/mm, 500 nm, 17.5 deg., M=1, Cat# 53-\*-280, Plane ruled, Max RA 154 x 206 mm**



**Note:** The efficiency curve above is relative (not absolute) and was measured in an in-plane near Littrow configuration (unless otherwise indicated). Efficiency curves are only representative: actual efficiency may vary significantly depending on use geometry and measurement technique. This efficiency curve is for master 1597; 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.