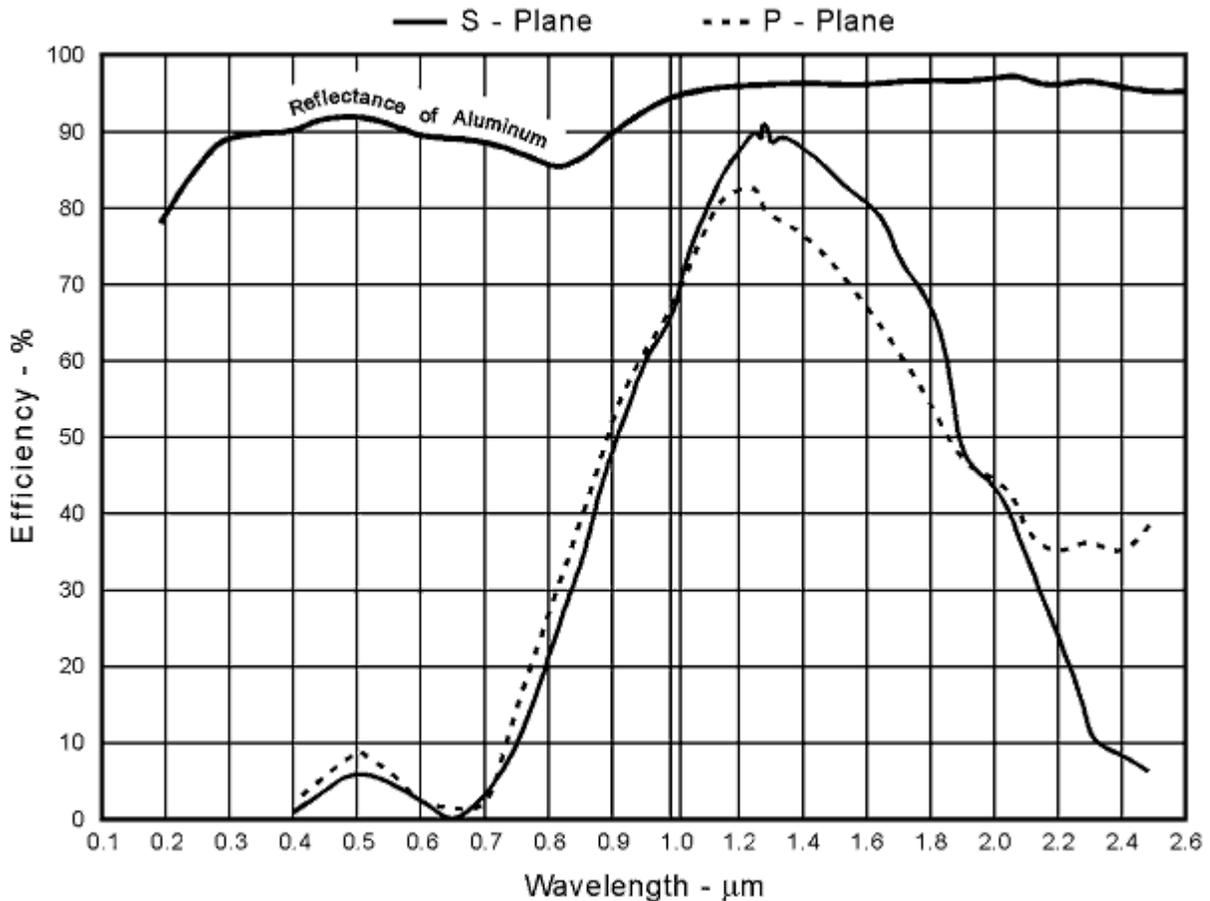


### DIFFRACTION GRATING SPECIFICATION SHEET

Catalog no.	<b>53-*-500R</b>	3/24/2021
Grating Description	<b>150 g/mm plane ruled reflection grating with 5.4° nominal blaze angle</b>	
Master no.	0890	
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:				



**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 0890; 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.