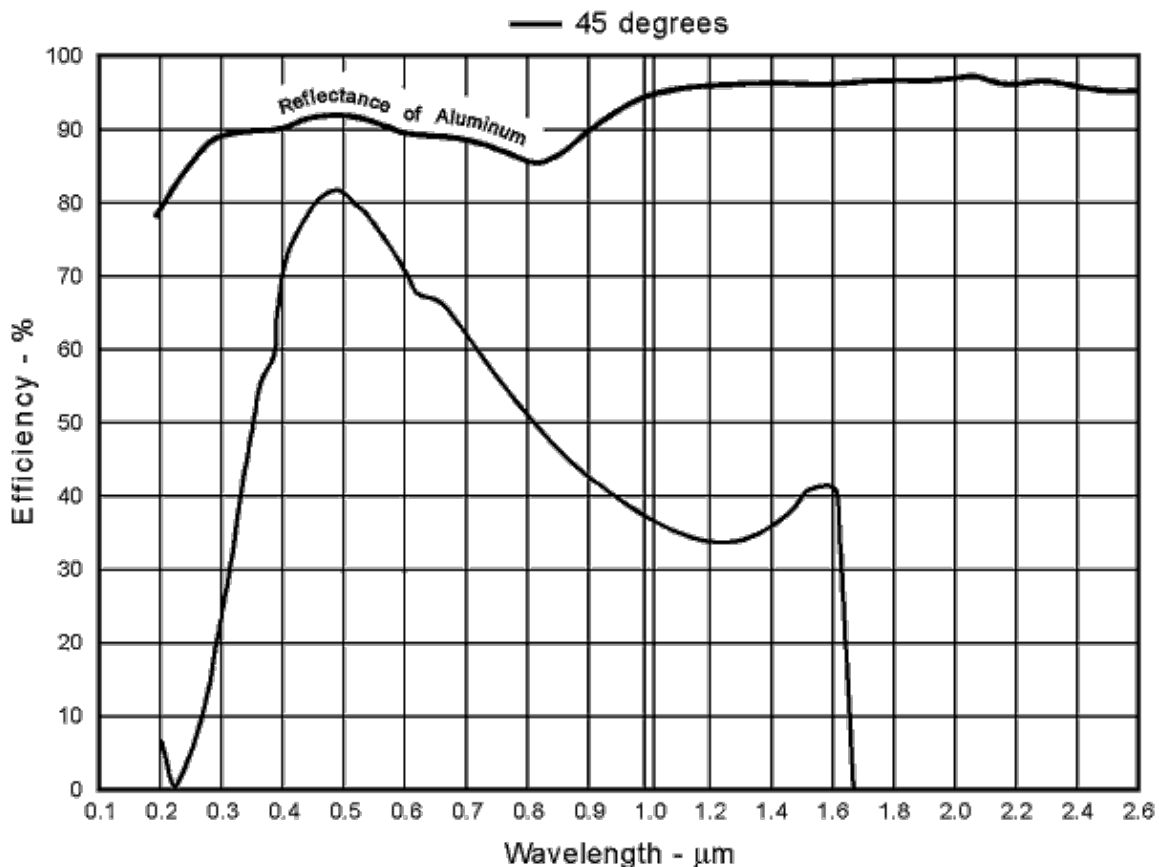


### DIFFRACTION GRATING SPECIFICATION SHEET

Catalog no.	<b>53*-280R</b>	1/22/2014
Grating Description	1200 g/mm plane ruled reflection grating with 17.5° nominal blaze angle	
Master no.	2687	
Maximum Ruled Area:		groove length
		ruled width:
		102 mm
		60 mm

Efficiency Curve	spectral order:	<b>m = 1</b>	polarization(s):	<b>Unpolarized</b>
	Coating:	<b>aluminum</b>		
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 2687; 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.