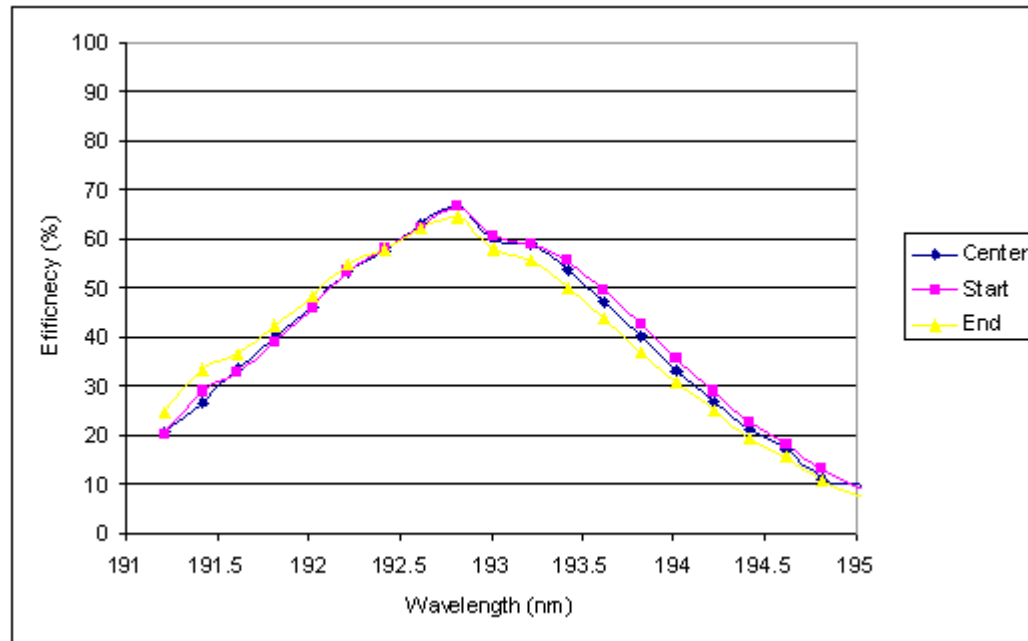




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DIFFRACTION GRATING SPECIFICATION SHEET

Catalog no.	53-*-084E		2/20/2020
Grating Description	117.94 g/mm echelle grating with 79° nominal blaze angle		
Master no.	MR228		
	Maximum Ruled Area:	groove length	128 mm
		ruled width:	258 mm
Efficiency Curve	spectral order:	m = 86	polarization(s): Unpolarized
	Coating:	aluminum	
Remarks:	MgF₂ Unpolarized Measured under Quasi-Littrow conditions. Wavelength data corrected for over-under geometry		



Note: The efficiency curve above is 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 MR228; 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.

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