









Maximum Resolution								
 Depending on the wavelength region, different glasses are available to create grisms 								
 Maximum is R~2500 except in the UV 								
• Roughly $\lambda \lambda = 310 \lambda / R$								
• Roughly $\Delta \lambda \sim 510 \lambda_c/R$								
Table 1 – Example Grism Properties								
	Case	Prism	Prism	Grating	Min wav	Max wav	Resolving	
	DEV	materiai	angle	1/mm	(nm) 240	(nm) 552	power 601	
		Fused Silica	0	930	349	352	091	
	RED	Fused Silica	0	/30	445	703	692	
	Case 1	Fused Silica	31	2090	399	480	1676	
	Case 2	Fused Silica	31	1420	578	700	1620	
	Case 3	BK7	31	2090	428	509	1785	
	Case 4	BK7	31	2300	391	464	1809	
	Case 5	BK7	31	1420	588	704	1740	
	Case 6	F2	31	2650	390	449	2192	
	Case 7	F2	31	2100	480	557	2059	
	Case 8	F2	31	1850	540	640	2005	
	Case 9	SF57	31	2610	482	542	2685	
	Case 10	SFL57	31	1865	618	700	2480	
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