



NOTES /SPECIFICATIONS:

1. CLEAR APERTURE: $\geq 85\%$, ELLIPTICAL
2. SURFACE QUALITY (S1 & S2): 40-20 SCRATCH-DIG
3. REFLECTED WAVEFRONT ERROR: $\leq \lambda/4$ AT 632.8nm
4. TRANSMITTED WAVEFRONT ERROR: $\leq \lambda/4$ AT 632.8nm
5. PARALLELISM: ≤ 20 arcseconds
6. FILTER COATING (S1):
 - REFLECTION BAND (R): $> 94\%$ AVERAGE (760-1005nm)
 - REFLECTION BAND (R): $> 94\%$ AVERAGE (1096-1400nm)
 - TRANSMISSION BAND (T): $> 94\%$ AVERAGE (405-730nm)
 - TRANSMISSION BAND (T): $> 90\%$ AVERAGE (1040-1060nm)
 - AOI: 45°
7. AR COATING (S2):
 - R: $< 2\%$ AVERAGE (405-1300nm)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	GY	16/NOV/20	MULTI BAND DICHROIC, 740/1080 nm CUTOFF, 1020 nm CUT-ON, 35x52x3mm	
APPROVAL	PN	16/NOV/20		
COPYRIGHT © 2020 BY THORLABS			MATERIAL	REV
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV GRADE FUSED SILICA	B
			ITEM #	APPROX WEIGHT
			DMSP740B	.002 kg