



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): $> 96\%$ AVERAGE (840-1300nm)
 TRANSMISSION BAND (T): $> 93\%$ AVERAGE (400-800nm)
 AOI: 45°
7. AR COATING (S2):
 R: $< 2\%$ AVERAGE (400-1100nm)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	AF	2/APR/21	MATERIAL	
APPROVAL	PN	5/APR/21	UV GRADE FUSED SILICA	
COPYRIGHT © 2021 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMSP820B	.002 kg
			REV	A