



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $\geq 90\%$ OF DIAMETER
2. TRANSMITTED WAVEFRONT ERROR: $\lambda/4$ @ 633nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. PARALLELISM: ≤ 3 arcmin OVER CLEAR APERTURE
5. COATING AOI (S1, S2): 45°
6. FILTER COATING (S1)
 - REFLECTION BAND (R): $> 90\%$ ABSOLUTE 750-1100nm
 - TRANSMISSION BAND (T): $> 90\%$ AVERAGE, $>85\%$ ABSOLUTE 1260-1700nm
7. AR COATING (S2)
 - R: $< 2\%$ ABSOLUTE 932-1700nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com Ø 25.4mm DICHOIC MIRROR, LONG PASS 1180nm	
NAME	DATE			
DRAWN	TW	17/OCT/11	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	DD	26/FEB/14		
COPYRIGHT © 2011 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMLP1180	0.05 kg
			REV	E