



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 580-621nm
 TRANSMISSION BAND (T): $> 90\%$ AVERAGE, $>85\%$ ABSOLUTE 655-700nm
7. AR COATING (S2)
 R: $< 2\%$ ABSOLUTE 400-800nm

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com \varnothing 50.8mm DICHOIC MIRROR, LONG PASS 638nm	
NAME	DATE			
DRAWN	TW	17/OCT/11	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	DD	26/FEB/14		
COPYRIGHT © 2011 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			DMLP638L	0.12 kg