



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > 90% OF SURFACE AREA
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			 www.thorlabs.com RCT 25x36mm DICHOIC MIRROR, LONG PASS 638nm	
NAME	DATE			
DRAWN	TW	17/NOV/11	MATERIAL UV GRADE FUSED SILICA REV F	
APPROVAL	DD	16/JAN/14		
COPYRIGHT © 2014 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMLP638R	0.002 kg