



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $\geq$  90% OF DIAMETER
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR:  $\lambda/4$  @ 633nm OVER CLEAR APERTURE
4. PARALLELISM:  $\leq$  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			<b>THORLABS</b> www.thorlabs.com $\varnothing$ 25.4mm 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
			DMLP638	0.05 kg