



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $\geq \phi 11.43\text{mm}$
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: $< \lambda/4$ AT 633nm
4. PARALLELISM: ≤ 3 arcmin
5. FILTER COATING (S1)
 - REFLECTION BAND (R): $>95\%$ AVERAGE, $>90\%$ ABSOLUTE 1500-1750nm
 - TRANSMISSION BAND (T): $>90\%$ AVERAGE, $>85\%$ ABSOLUTE 1850-2100nm
 - 45° AOI
6. AR COATING (S2)
 - R: $<2\%$ ABSOLUTE 1800-2100nm, 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\phi 12.7\text{mm}$ DICHOIC MIRROR, LONGPASS, 1800nm	
NAME	DATE			
DRAWN	CS	13/SEP/12	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	BW	27/JUN/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			DMLP1800T	0.81 g