



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $\geq \text{Ø } 45.72\text{mm}$
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: $< \lambda/4$ AT 633nm
4. PARALLELISM: ≤ 3 arcmin
5. COATING AOI (S1,S2): 45°
6. FILTER COATING (S1)
 - REFLECTION BAND (R): $>95\%$ AVERAGE, $>90\%$ ABSOLUTE 380-410nm
 - TRANSMISSION BAND (T): $>90\%$ AVERAGE, $>85\%$ ABSOLUTE 440-800nm
 - 45° AOI
7. AR COATING (S2)
 - R: $<2\%$ ABSOLUTE 400-800nm, 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com Ø 50.8mm DICHOIC MIRROR, LONGPASS, 425nm	
NAME	DATE			
DRAWN	TW	17/OCT/11	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	RS	22/SEP/15		
COPYRIGHT © 2015 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMLP425L	0.12 kg