



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $\geq \phi$ 45.72mm
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 823-1300nm
 TRANSMISSION BAND (T): $>90\%$ AVERAGE, $>85\%$ ABSOLUTE 400-788nm
 45° AOI
6. AR COATING (S2)
 R: $<2\%$ ABSOLUTE 400-800nm, 45° AOI

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ϕ 50.8mm DICHROIC MIRROR, SHORTPASS, 805nm	
NAME	DATE			
DRAWN	TW	17/OCT/11	MATERIAL UV GRADE FUSED SILICA REV G	
APPROVAL	MI	19/JAN/15		
COPYRIGHT © 2015 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMSP805L	0.12 kg