



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \phi$ 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 400-785nm
 TRANSMISSION BAND (T): $> 90\%$ AVERAGE, $> 85\%$ ABSOLUTE 825-1300nm
 45° AOI
6. AR COATING (S2):
 R: $< 2\%$ ABSOLUTE 823-1300nm 45° AOI

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ϕ 50.8mm LONGPASS DICHOIC MIRROR 805nm	
NAME	DATE			
DRAWN	MG	18/MAY/16	MATERIAL UV FUSED SILICA	
APPROVAL	DD	08/JUNE/16		
COPYRIGHT © 2016 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			DMLP805L	10 g