



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $\geq 90\%$ OF DIAMETER
2. TRANSMITTED WAVEFRONT ERROR: $\lambda/4$ @ 633nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. PARALLELISM: ≤ 3 arc min 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

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|---|------|-----------|---|---------------|
| DRAWING PROJECTION | | | THORLABS www.thorlabs.com | |
| | NAME | DATE | Ø 12.7mm DICHOIC MIRROR, LONG PASS 638nm | |
| DRAWN | CS | 13/SEP/12 | REV D | |
| APPROVAL | DD | 26/FEB/14 | MATERIAL | |
| COPYRIGHT © 2012 BY THORLABS | | | UV FUSED SILICA | |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # | APPROX WEIGHT |
| | | | DMLP638T | 0.81 g |