



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 arcmin OVER CLEAR APERTURE
5. COATING AOI (S1, S2): 45°
6. FILTER COATING (S1)
REFLECTION BAND (R): $> 90\%$ ABSOLUTE 400-872nm
TRANSMISSION BAND (T): $> 90\%$ AVERAGE, $>85\%$ ABSOLUTE 932-1300nm
7. AR COATING (S2)
R: $< 2\%$ ABSOLUTE 932-1700nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|---|------|-----------|--|---------------|
| DRAWING PROJECTION | | | THORLABS www.thorlabs.com Ø 50.8mm DICHOIC MIRROR, LONG PASS 900nm | |
| NAME | DATE | | | |
| DRAWN | TW | 17/OCT/11 | MATERIAL UV GRADE FUSED SILICA | |
| APPROVAL | DD | 26/FEB/14 | | |
| COPYRIGHT © 2011 BY THORLABS | | | ITEM # | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | DMLP900L | 0.12 kg |
| | | | REV | E |