



NOTES /SPECIFICATIONS:

1. CLEAR APERTURE: $\geq 85\%$ OF OUTER SURFACE DIMENSIONS, ELLIPTICAL
2. SURFACE QUALITY (S1 & S2): 40-20 SCRATCH-DIG
3. REFLECTED WAVEFRONT ERROR: $\leq \lambda/4$ AT 632.8nm
4. TRANSMITTED WAVEFRONT ERROR: $\leq \lambda/4$ AT 632.8nm
5. PARALLELISM: ≤ 20 arcseconds
6. FILTER COATING (S1)
 - REFLECTION BAND (R): $> 97\%$ AVERAGE (450-690nm)
 - TRANSMISSION BAND (T): $> 92\%$ AVERAGE (750-1100nm)
 - TRANSMISSION BAND (T): $> 94\%$ AVERAGE (1300-1400nm, 1300-1800nm, 1700-1800nm)
 - AOI: 45°
7. AR COATING (S2):
 - R AVERAGE: $< 3.5\%$ (440-1800nm)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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| DRAWING PROJECTION | | | www.thorlabs.com | |
| | NAME | DATE | | |
| DRAWN | GY | 25/JAN/21 | 730nm Extended Longpass Dichroic Mirror, 35x52x2mm | |
| APPROVAL | PN | 25/JAN/21 | MATERIAL | REV |
| COPYRIGHT © 2021 BY THORLABS | | | UV GRADE FUSED SILICA | A |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # | APPROX WEIGHT |
| | | | DMLP730B | .002 kg |