

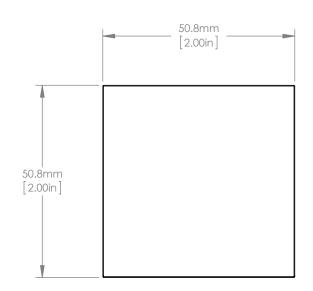
NOTES/SPECIFICATIONS:

- CLEAR APERTURE: >40.64mm OF ENTRANCE FACE SURFACE QUALITY: 40-20 SCRATCH-DIG
- TRANSMITTED WAVEFRONT ERROR: <λ AT 633nm REFLECTED WAVEFRONT ERROR: <λ AT 633nm

- SURFACE FLATNESS: <\/4 AT 633nm
 TRANSMITTED BEAM DEVIATION: 0° ±5 arcmin
 REFLECTED BEAM DEVIATION: 90° ±5 arcmin

- 1. 2. 3. 4. 5. 6. 7. 8. 9. COATING(\$1, \$2, \$3, \$4): BBAR, Ravg <0.5%, 400-700nm, 0° AOI COATING(\$1, \$2, \$3, \$4): BBAR, Ravg <0.5%, 400-700nm, 0° AOI COATING(\$5): SPLITTER COATING AND NOA61 OPTICAL CEMENT OVERALL PERFORMANCE: Tabs= 47±10%, Rabs=47±10%, Tavg+Ravg>85%, Tabs+Rabs>80% 450-700nm, Tabs+Rabs>75% 400-450nm, |Ts-Tpl<10% AND |Rs-Rpl<10%, 400-700nm, 0° AOI

FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES



| DRAWING
PROJECT | | → □ | THORLASS.com | | |
|--|------|------------|-----------------------------|-----------|------|
| | NAME | DATE | 50.8mm NON-POLARIZING 50: | | |
| DRAWN | MG | 05/MAY/15 | BEAMSPLITTER CUBE 400-700nr | | [1] |
| APPROVAL | DD | 10/JULY/15 | MATERIAL N-BK7 | | REV |
| COPYRIGHT © 2015 BY THORLABS | | Y THORLABS | | | А |
| VALUES IN DADENITHESIS ADE CALCUI ATED | | | ITEM # | APPROX WE | IGHT |

BS031

0.33 kg

VALUES IN PARENTHESIS ARE CALCULATED

AND MAY CONTAIN ROUNDOFF ERRORS