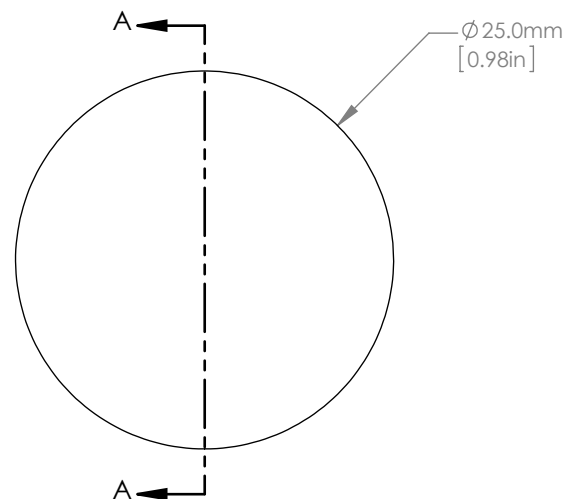
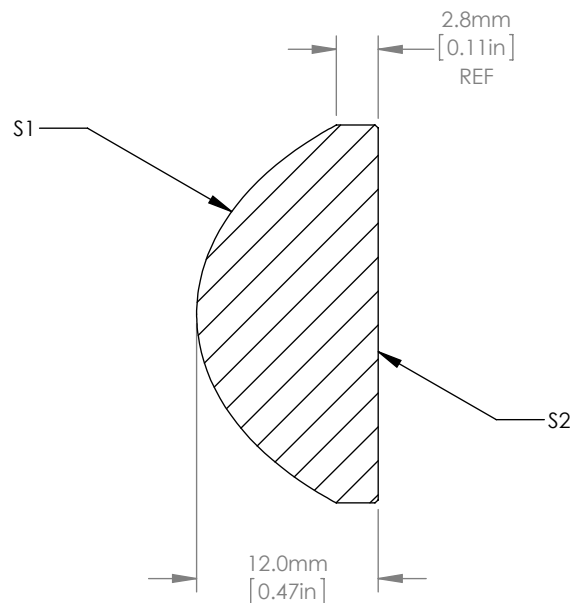
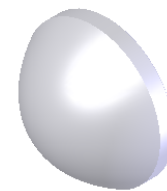


ASPHERIC COEFFICIENTS

| | R | k | A ₄ |
|----|--------|---------|----------------|
| S1 | 10.462 | -0.6265 | 1.5E-05 |
| S2 | PLANO | - | - |

ASPHERIC LENS EQUATION


$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2 / R^2})} + A_4 Y^4$$



NOTES/SPECIFICATIONS

1. FOCAL LENGTH: EFL= 20.1±8%
2. NUMERICAL APERTURE: 0.60
3. BACK FOCAL LENGTH (REF): 12mm
4. MAGNIFICATION: INFINITE
5. SURFACE QUALITY: 80-50 SCRATCH-DIG
6. CENTRATION: <30arcmin
7. CLEAR APERTURE: >22.5mm
8. COATING (S1, S2): BBAR Ravg<0.5% FROM 350-700nm
9. MAXIMUM TEMPERATURE: 250°C (482°F)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| | | | | |
|-----------------------------------------------------------------------|------|-----------|-----------------------------------------------------------------------------------------------------------|---------------|
| DRAWING PROJECTION | | |  www.thorlabs.com | |
| | NAME | DATE | | |
| DRAWN | DS | 02/JAN/15 | ASPHERIC CONDENSER LENS, NA=0.60, f=20mm, AR COATED 350-700nm | |
| APPROVAL | DD | 05/JAN/15 | MATERIAL | REV |
| COPYRIGHT © 2015 BY THORLABS | | | B270 | A |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # | APPROX WEIGHT |
| | | | ACL2520U-A | 9.3g |