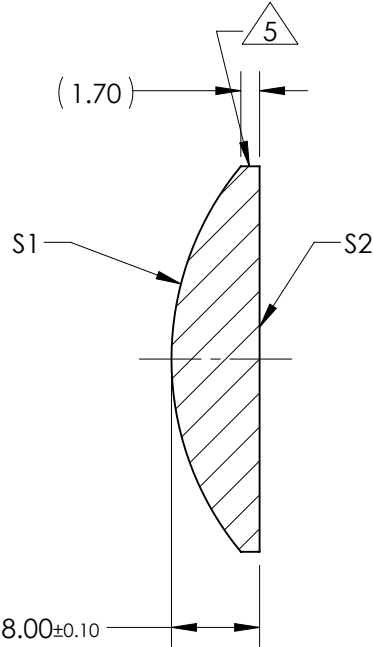
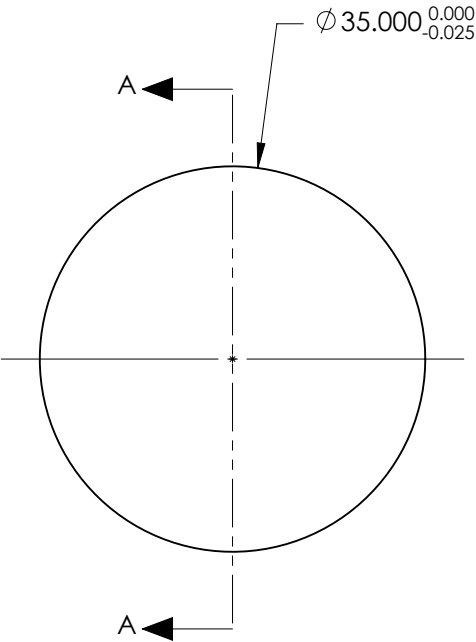


NOTES:

- SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-SF11 785/258
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: NIR I  
R(AVG) ≤ 0.5% FROM 600-1050nm @ 0° AOI
- FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 35.00mm ±1%  
BACK FOCAL LENGTH (BFL): 30.52mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm



SECTION A-A

**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 27.47      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø 34.00    | Ø 34.00    |
| MIN COATING APERTURE    | Ø 34.00    | Ø 34.00    |
| POWER AT 632.8nm        | 3.00 RINGS | 3.00 RINGS |
| IRREGULARITY AT 632.8nm | 0.50 RINGS | 0.50 RINGS |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

|                                                                                                             |  |                                                             |                 |
|-------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|-----------------|
|  <b>Edmund Optics®</b> |  |                                                             |                 |
| TITLE                                                                                                       |  | 35.0mm Dia. x 35.0mm FL, NIR I Coated,<br>Plano-Convex Lens |                 |
| DWG NO                                                                                                      |  | 38382                                                       | SHEET<br>1 OF 1 |

|                           |    |
|---------------------------|----|
| THIRD ANGLE<br>PROJECTION |    |
| ALL DIMS IN               | mm |