

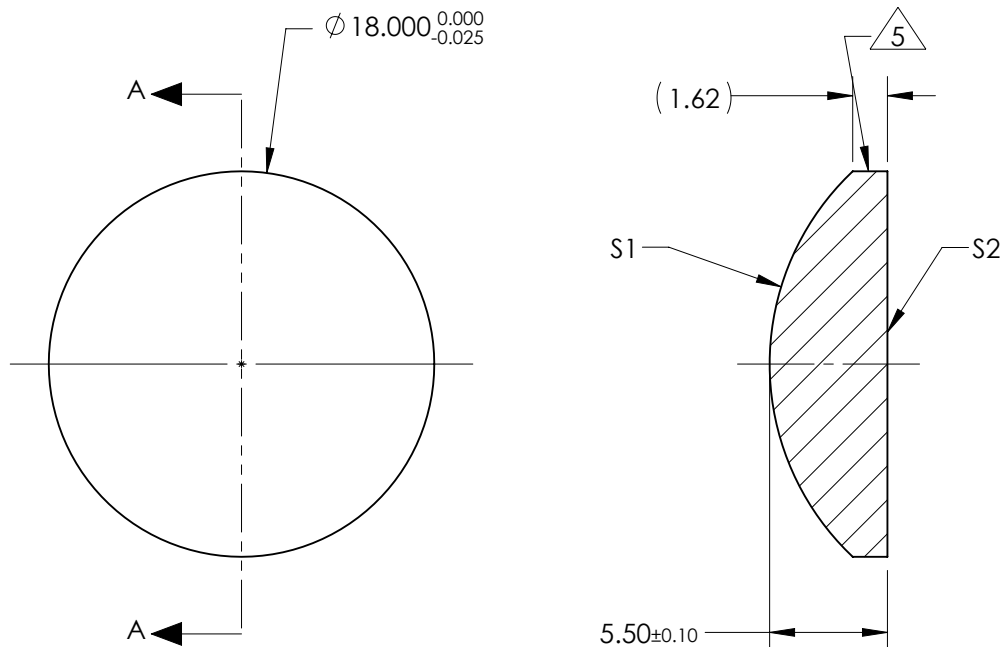
NOTES:

- SUBSTRATE:  
CORNING: FUSED SILICA 458/678
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)

S1: NONE  
S2: NONE

5. FINE GRIND SURFACE

- POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 27.00mm  $\pm$ 1%  
BACK FOCAL LENGTH (BFL): 23.23mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm



SECTION A-A

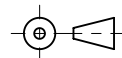
**FOR INFORMATION ONLY:**  
**DO NOT MANUFACTURE**  
**PARTS TO THIS DRAWING**

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	12.38	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	$\phi$ 17.00	$\phi$ 17.00
MIN COATING APERTURE	N/A	N/A
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

**EO**® **Edmund Optics**®

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

18mm Dia x 27mm FL, Uncoated, UV  
Plano-Convex Lens

DWG NO

36686

SHEET  
1 OF 1