

NOTES:

1. SUBSTRATE:

Sapphire (Al<sub>2</sub>O<sub>3</sub>)

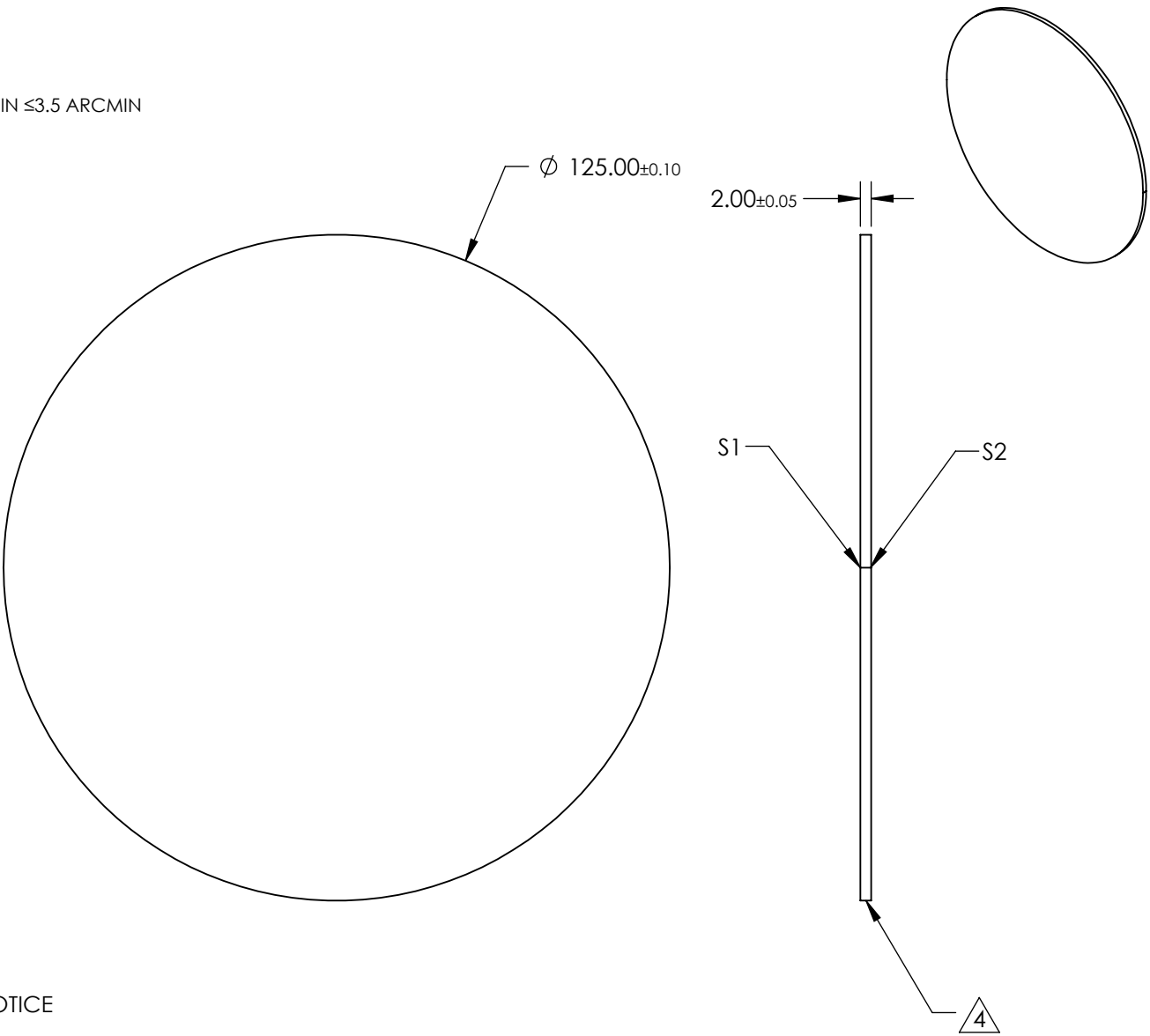
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤3.5 ARCMIN

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1&S2: Ravg ≤0.25% @ 880nm  
Ravg ≤1.25% @ 400 - 870nm  
Ravg ≤1.25% @ 890 - 1000nm

4. FINE GRIND SURFACE (ADD INK NOTE AS NEEDED)

5. ROHS COMPLIANT

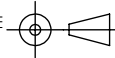


**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	Ø 112.50	Ø 112.50
SURFACE FLATNESS	2 - 4λ (typical)	2 - 4λ (typical)
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE	0.008	0.008
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

THIRD ANGLE  
PROJECTION



ALL DIMS IN

mm



Edmund Optics®

TITLE

125mm Dia., 2mm Thick, VIS-NIR AR Coated,  
Sapphire Window

DWG NO

24173

SHEET  
2 OF 3