

NOTES:

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

1. S1 COATING (APPLY ACROSS COATING APERTURE)

SPECIFICATIONS AT 45° AOI AND RANDOM POLARIZATION

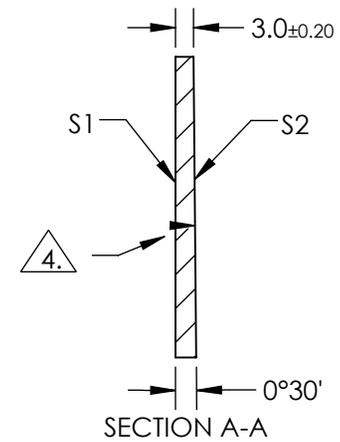
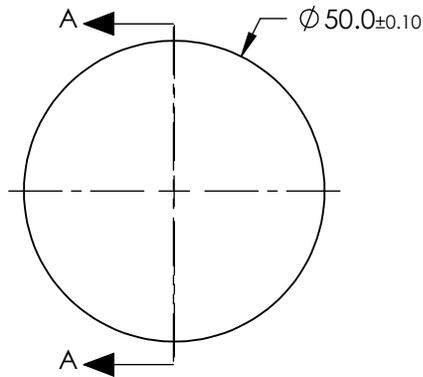
S1: R(abs): = 70.0% ± 5.0% @ 550nm  
 R(abs): = 70.0% ± 10.0% @ 400 - 700nm  
 T(abs): = 30.0% ± 5.0% @ 550nm  
 T(abs): = 30.0% ± 10.0% @ 400 - 700nm

S2: R(abs): ≤ 2.0% @ 400 - 700nm  
 R(avg): ≤ 1.0% @ 400 - 700nm

2. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS COATING APERTURES

3. RoHS COMPLIANT

4. ARROW ON EDGE OF PART INDICATES ANTI-REFLECTION COATED SIDE S2.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
 DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SURFACE QUALITY	20 - 10	20 - 10
SURFACE FLATNESS	$\lambda/10$	$\lambda/10$
MINIMUM COATING APERTURE	$\varnothing 42.50$	$\varnothing 42.50$
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

**EO**® Edmund Optics®

TITLE	50mm DIAMETER 30R/70T, VIS WEDGED PLATE BEAMSPLITTER	
DWG NO.	34417	SHEET 1 OF 1