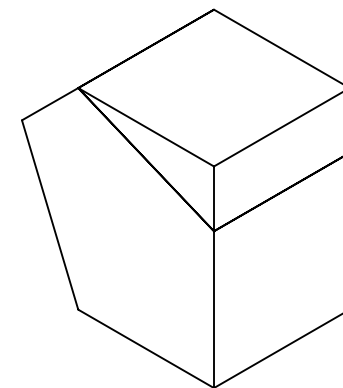


NOTES:

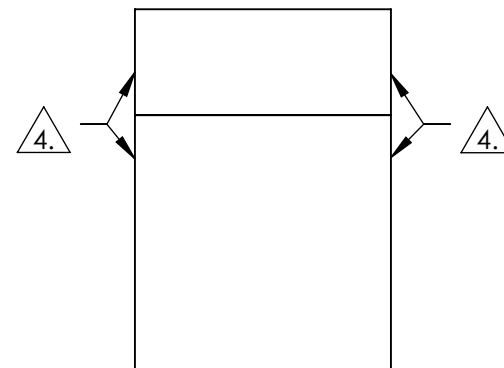
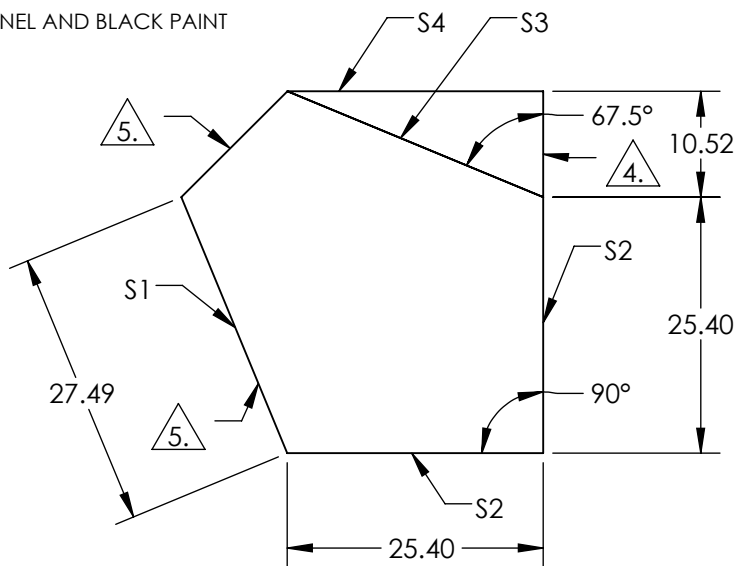
1. SUBSTRATE MATERIAL:  
N-BK7
2. CENTERING TOLERANCE (AT 587.6nm)  
BEAM DEVIATION:  $\pm 10$  ARCSEC
3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: ALUMINUM  
S3:T/R = 50/50  $\pm 5\%$   
|Tp - Ts|  $\leq 15\%$   
|Rp - Rs|  $\leq 15\%$   
S2 & S4:  $\lambda/4$  WAVE MgF2 @ 550nm  
R(AVG) < 1.75% FROM 400-700nm

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



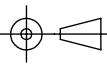
 FINE GRIND SURFACE

 OVERCOAT SURFACES USING INCONEL AND BLACK PAINT



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

WAVELENGTH RANGE (nm)	450 - 650	THIRD ANGLE PROJECTION 		TITLE	25mm, MgF2 COATED, PENTA PRISM BEAMSPLITTER	
SURFACE QUALITY	40-20			DWG NO	66634	SHEET 1 OF 1
SURFACE FLATNESS	$\lambda/4$	ALL DIMS IN	mm			
CLEAR APERTURE	>90%					