


1. SUBSTRATE:
S-LAH64
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: NONE
S2: NONE



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)^* Y^2}{1 + \sqrt{1 - (1+k)^* (1/RADIUS)^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



COEFFIECIENT TABLE 	
COEFFIECIENT	S1
SEMI-DIAMETER	2.250000E+01
(1/RADIUS)	4.02252615E-02
K	-7.100000E-01
D	0.000000E+00
E	6.645300E-07
F	-7.47800E-10
G	-8.533600E-13
H	-4.328100E-16
J	3.380900E-19
L	0.000000E+00

	S1	S2			 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 780nm: 24.18			
RADIUS	24.860	INFINITY				
SURFACE QUALITY	40-20	40-20			TITLE	45mm Dia., 0.70 Numerical Aperture Uncoated, NIR Aspheric Lens
CLEAR APERTURE	90 %	90 %				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	13505
						SHEET 1 OF 1



45mm Dia., 0.70 Numerical Aperture
Uncoated, NIR Aspheric Lens

DWG NO

13505

SHEET
1 OF 1