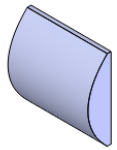
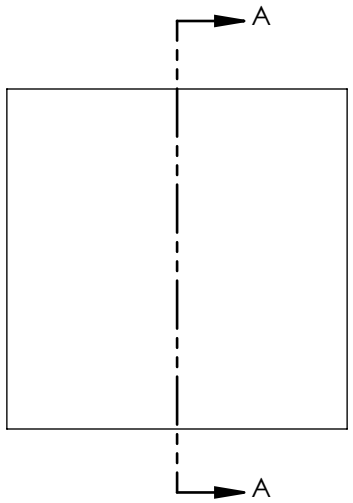
	R	k	A_4	A_6	A_8	A_{10}	A_{12}
S1	24.86	-1	2.9712681E-6	-2.3853122E-10	-6.746461E-13	-3.7931531E-16	3.8682268E-19
S2	-	-	-	-	-	-	-

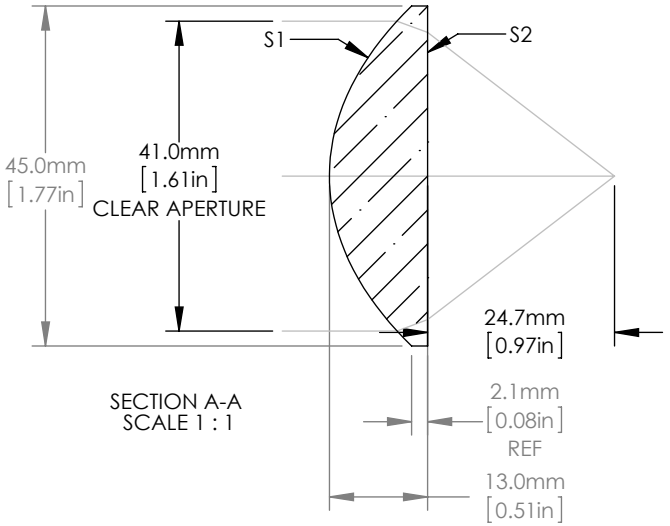


ISOMETRIC VIEW
1 : 3

$$z = \frac{Y^2}{R(1+\sqrt{1-(1+k)Y^2/R^2})} + A_4Y^4 + A_6Y^6 + A_8Y^8 + A_{10}Y^{10} + A_{12}Y^{12}$$

ASPHERIC LENS EQUATION





SECTION A-A
SCALE 1 : 1

NOTES/SPECIFICATIONS:

1. REFRACTIVE INDEX AT DESIGN WAVELENGTH: 1.777
2. DESIGN WAVELENGTH: 780nm
3. FOCAL LENGTH: EFL = 32.00mm ± 1%
4. NUMERICAL APERTURE: 0.54
5. WORKING DISTANCE: 24.7mm
6. MAGNIFICATION: INFINITE
7. SURFACE QUALITY: 60-40 SCRATCH-DIG
8. RMS WFE: < 0.5 µm
9. CLEAR APERTURE (COLLIMATING): 41.0 X 41.0 mm
10. CLEAR APERTURE (FOCUSING): 41.0 X 38.0 mm
11. CENTER THICKNESS: 13/0 mm
12. COATING(S1,S2): BBAR
    650-1050nm; Ravg < 0.5%
    0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	NG	02/21/2012
APPROVAL	PM	02/26/2012

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

45mm SQUARE, CYLINDRICAL ASPHERIC LENS, EFL=32.00mm, ARC 650-1050nm

MATERIAL	REV
S-LAH64	A

ITEM #	APPROX WEIGHT
AYL4532-B	60.0g