NOTES:

1. SUBSTRATE: GRADE A FINE ANNEALED ZEONEX E48R

2. COATING:

S1: NONE S2: NONE PARTS TO THIS DRAWING



EDGES: FINE GROUND

4. ASPHERIC SURFACE DESCRIBED BY:

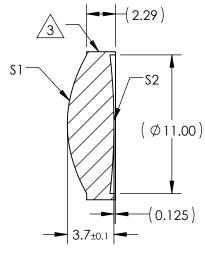
$$Z_{ASPH}(Y) = \frac{(\sqrt[]{RADIUS})^* Y^2}{1 + \sqrt{1 - (1 + k)^* (\sqrt[]{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14})$$

6. SURFACE PROFILE CHANGE DUE TO DIFFRACTIVE PATTERN DEFINED BY: WHERE:  $_{\lambda}$ 

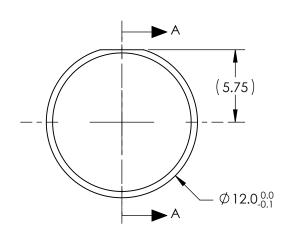
$$STEP = HEIGHT = \frac{\lambda}{nd - 1}$$

$$Z_{DIFF}(Y) = \frac{1}{(nd-1)} * (Z_2 * Y^2 + Z_4 * Y^4) + (STEP\_HEIGHT) * \left[ |INT(\frac{1}{\lambda} * (Z_2 * Y^2 + Z_4 * Y^4))| \right]$$

COEFFIECIENT TABLE						
COEFFIECIENT	\$1					
λ	0.587 MICRONS					
72	-1.85056E-3					
Z4	0					
k	-0.71					
D	0					
E	-1.5819801E-5					
F	-2.7709517E-7					
G	-1.216086E-9					
Н	0					
J	0					
L	0					







## SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	\$2	EFL (@ 587.6nm)	15		Edmund Ontion	<b>\</b> ∩®
SHAPE	CONVEX	CONVEX	BFL (@ 587.6nm)	12.95		Edmund Optic	<b>5</b> 5°
RADIUS	9.93	48.3	THIRD ANGLE PROJECTION			12mm DIA. X 15mm FL, UNCOATED, HYBRID	
SURFACE QUALITY	60 - 40	60 - 40			TITLE	ASPHERE	
CLEAR APERTURE	Ø10.0	Ø 10.0					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65988	SHEET 1 OF 1