

NOTES:

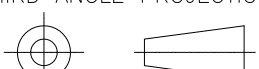
- 1.0 MATERIAL
TYPE E48R
Nd 1.531
Vd
GRADE:
HOMOGENEITY:
- 2.0 DECENTER AND TILT
2.1 X-Y DECENTER: ±0.0125mm
2.2 X-Y TILT: 0.05°
2.3
- 3.0 SURFACE QUALITY (SPEC'S APPLY WITHIN CA ONLY)

	<u>S1</u>	<u>S2</u>
3.1 POWER (FR@633nm)	3	3
3.2 IRREG (FR@633nm)	1	1
3.3 SYMMETRY (FR@633nm)	1	1
3.4 SCRATCH-DIG	60-40	60-40
3.5 GREY	NONE	NONE
3.6 STAIN	NONE	NONE
- 4.0 COATING

	<u>S1</u>	<u>S2</u>
TYPE	BBAR	BBAR
λPEAK OR RANGE	400-700nm	400-700nm
%R OR %T	≤.50%AVE-1%MAX	≤.50%AVE-1%MAX
POLARIZATION	S AND P	S AND P
INCIDENCE ANGLE	0°±20°	0°±20°
MIN COATING AP	CA	CA
- 5.0 S1 SURFACE PROFILE:

MINIMUM CLEAR APERTURE = ø8.800
SURFACE: CX
R = RADIUS = 200.00000
- 6.0 S2 SURFACE PROFILE:

MINIMUM CLEAR APERTURE = ø8.800
SURFACE: CX
R = RADIUS = 50.00000
- 7.0 S2 DIFFRACTIVE OPTICAL SURFACE
6.1 PHASE = (2 π / λ) * (S1*R^2 + S2*R^4 + S3*R^6 +...)
6.2 COEFFICIENTS:
S1 = -9.919911E-4
S2 = 3.441151E-6
S3 = -1.982557E-9
S4 =
S5 =
6.3 WAVELENGTH = 555nm
6.4 CLEAR APERTURE = ø8.800
6.5 DIFFRACTION ORDER = 1
6.6 MAXIMUM NUMBER OF ZONES =
6.7 MINIMUM FEATURE =
6.8 REFRACTIVE INDEX AT 555nm =1.
6.9 DEPTH

NEXT ASSY	MATERIAL:	UNLESS OTHERWISE STATED	DRAWN BY	DATE	RPC PHOTONICS			
		DIMENSIONS ARE IN MM	J.M.SHAW	3-22-12	330 Clay Road, Rochester, NY 14623			
		.X ±.5	CHECKED	DATE	(voice) 585/272-2840 (fax) 585/272-2845			
		.XX ±.25						
		.XXX ±.100						
	ANGLES ± 1°							
	FINISH:	SURF ROUGHNESS	APPROVED	DATE	PRODUCT NAME			
		EDGE BREAKS .25 X 45° ✓	P. McLAUGHLIN	5-22-12	-			
		CHAMFER THREADS 45° TO			PART NAME			
		ROOT DIAMETER			AW10-R3-L3-MOLD			
THIRD ANGLE PROJECTION		THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF RPC AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION OR USED FOR OTHER THAN RPC AUTHORIZED PURPOSES		SCALE	SHEET No.	DWG SIZE		PART NO.
			NONE	OF	B		REV 2	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	CHGD. DETAILS IN VIEW A	5-15-12	
	2	CHGD. OD FM. ø10.20	6-4-12	

