



#### NOTES/SPECIFICATIONS:

1. WAVELENGTHS: 650–1100 nm
2. FOCAL LENGTH:  $f=75.0 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=72.6 \text{ mm}$
4. CLEAR APERTURE:  $> 90\%$  OF SURFACE DIMENSIONS
5. SURFACE QUALITY: 60/40
6. CENTRATION:  $< 3 \text{ arcmin}$
7. LENGTH AND HEIGHT TOLERANCE:  $+0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.10 \text{ mm}$
9. COATING: BBAR  $R_{avg} < 0.5\%$  FROM 650–1100 nm,  $0^\circ \text{ AOI}$ , ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR  
MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	F=75.0 , UVFS PCX CYL LENS, L=30 , H=20 , B Coated			
DRAWN	CWD	2022/5/18	PXY43020-75-B			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRAND FUSED SILICA	0.00394kg	2:1	A