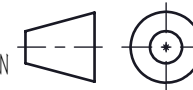


NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTHS: 486.1, 587.6, AND 656.3nm
2. FOCAL LENGTH: 30.0mm ± 1% AT 587.6nm
3. CLEAR APERTURE: >20mm
4. WORKING DISTANCE: 19.9mm REF
5. SURFACE QUALITY: 20-10 SCRATCH-DIG
6. IMAGE SPACE NA: 0.316
7. DESIGN RMS WAVEFRONT ERROR:
<math> < 2.5 \lambda </math> OVER DESIGN WAVELENGTH RANGE
8. IRREGULARITY PER SURFACE: <math> < \lambda / 4 </math> AT 633nm
9. COATING (ALL OPTICAL SURFACES): BBAR 350-700nm $R_{avg} < 0.5\%$

5	RETAINING RING	6061-T6 ALUMINUM
4	SPACER	6061-T6 ALUMINUM
3	LENS 2	H-ZF7LAGT
2	LENS 1	H-ZK7A
1	HOUSING	6061-T6 ALUMINUM
	ITEM	MATERIAL

DRAWING PROJECTION



LBTEK

	NAME	DATE	ADA405-A			
DRAWN	BSHU	Aug./5th/24	∅25.4mm, f=30mm AIRSPACED ACHROMAT, BBAR, 350-700 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	0.010g	2:1	B