

序號	品名	Material	Size(mm)	Size Tolerance	Angle	Angle Tolerance	Flatness	Feature Points				Coating			
								Air Gap(um)	8	Gap Tolerance	±1.5				
1	間隙棱鏡	H-ZBAF16	16.26×29	±0.05	45°,45°	±3'						AOI=27~38° Rabs<1% @ 420~680nm AOI=39~49° Rabs<2% @ 420~680nm			
		H-K9L	11.38×19	±0.05	27°,77.25°	±3'									
2	光纖棱鏡	H-K9L	4.88×4.41×1.07	±0.02,±0.05	45°	±12'	POWER<1/2λ	Coating Boundary(mm)	<0.2			AR Coating:R<0.2% @ 1310±660nm			
3	楔形棱鏡	N-SF57HT	4.95×3.685×0.318	±0.05,±0.01	2.6°	±30"	POWER<1λ					Matching layer coating to n=1.5 Vally 550±20 nm			
4	微型棱鏡	N-SF57	1.815×5	±0.02,+0/-0.03	47.1°,34.9°	±1'	POWER<1λ					Wavelength: 450±10nm;520±10nm;638±10nm			
5	高精度單體棱鏡	H-ZF5	4.9×4.9×5.4	+0/-0.06	90°,45°	±3'	PV<1/10λ					單面反射率:AOI=±15° 400nm~700nm Rmax≤0.5%			
6	PCS棱鏡	B270	5.1×5.6×0.41	±0.02,±0.05	45°	±10'		Parallelism				<10'	AOI= 0° TPave>94% @ 420~660nm		
													RSave>94% @ 420~660nm		
													AOI=-5° TPave>92% @ 420~660nm		
													RSave>90% @ 420~660nm		
													AOI=+5° TPave>93% @ 420~660nm		
RSave>91% @ 420~660nm															
7	PBS棱鏡	N-SF57	3×3×6	±0.025,±0.05	45°	±1'	POWER<1λ					Wavelength: 450±10mm;520±10nm;638±10mm			
													Incident Angle(in the air)	TS,RS	
												(1) S Polarization	0±8°(P Plane) 0±15°(S Plane)		
8	X棱鏡	N-BK7	30×30×37.8	+0/-0.03	180°	±5"	POWER<1λ						入射角度	仕様	
													AR膜	0°	Ravg<0.5% at 420~680nm
													藍光反射率	45°	Ts=50% at 505±6nm
														45° ±10°	Rs(ave)>93% at 420~475nm Rs(ave)<2% at 530~680nm
													綠光透過率	45° -10°	Ts(ave)>90% at 520~560nm
														45°	Ts(ave)>90% at 520~560nm
													紅光反射率	45° +10°	Ts(ave)>90% at 530~550nm
														45° -10°	Rs(ave)>95% at 630~680nm
															Rs(ave)>85% at 620~630nm
															Rs(ave)<2% at 430~540nm
45°	Ts=50% at 585±6nm														
	Rs(ave)>95% at 605~680nm														
	Rs(ave)>85% at 595~650nm														
45° +10°	Rs(ave)<2% at 430~540nm														
	Rs(ave)>95% at 590~680nm														
	Rs(ave)<2% at 430~540nm														