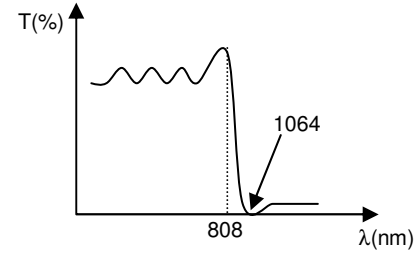
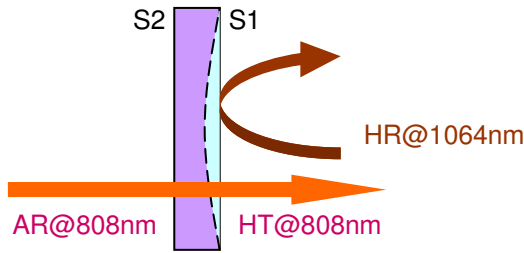
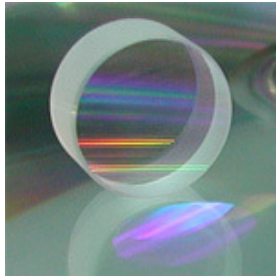


808nm Input Mirror for DPSS Laser Cavity (0° AOI)
 1064nm High Reflection
PMI-I808A-1064A Series



ORDERING INFORMATION:	PMI	-	808A	-	1064A	-	Diameter (mm)	-	Thickness (mm)	-	Radius (mm)
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General Specifications:	
Substrate Material:	BK7 Glass
Flatness:	$\lambda / 10$ at 633nm
Surface Quality:	10-5 scratch and dig
Diameter Tolerance:	+ 0.00mm, - 0.10mm
Thickness Tolerance:	± 0.10 mm
Wedge:	≤ 5 minutes
Chamfer:	0.2mm at 45° typical
Concentricity:	≤ 0.05 mm
Radius Tolerance:	$\pm 0.5\%$
Coating Technology:	Electron beam multilayer dielectric
Adhesion and Durability:	Per MIL-C-675C. Insoluble in lab solvents
Clear Aperture:	Exceeds central 85% of dimension
Damage Threshold:	1MW/cm ² CW, 5J/cm ² (10ns Pulse)
Coating (0° AOI)	S1: HR @ 1064nm (R>99.5%) HT @ 808nm (T > 98%) S2: AR @ 808nm (R < 0.25%)

Diameter (mm)	Thickness (mm)	Radius (mm)
Ø12.7	3	Flat
Ø25.4	6	-50
Ø50.8	**	-100
**		-200
		-500
		-1000
		+50
		+100
		+200
		+500
		+1000
		**

** Upon request

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