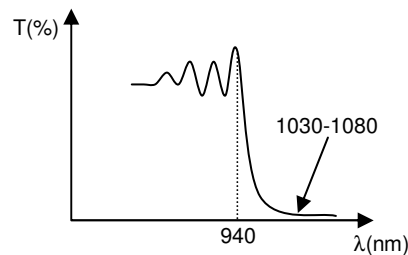
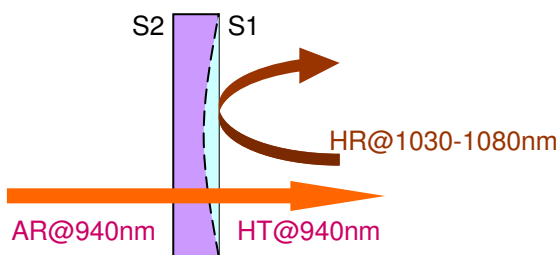
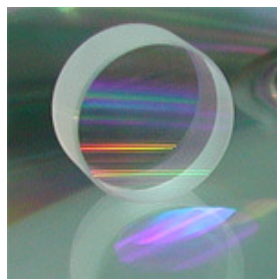
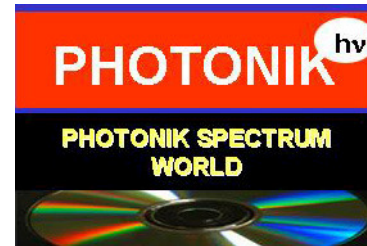


940nm Input Mirror for DPSS Laser Cavity (0° AOI)  
 1030 - 1080nm High Reflection  
**PMI-940A-1064B Series**



ORDERING INFORMATION:	PMI	-	940A	-	1064B	-	Diameter (mm)	-	Thickness (mm)	-	Radius (mm)
							Ø12.7		3		Flat
							Ø25.4		6		-50
							Ø50.8		**		-100
							**				-200
											-500
											-1000
											**

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:	$\pm 0.10$ mm
Wedge:	$\leq 5$ minutes
Chamfer:	0.2mm at 45° typical
Concentricity:	$\leq 0.05$ 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 <sup>2</sup> CW, 5J/cm <sup>2</sup> (10ns Pulse)
Coating (0° AOI)	S1: HR @ 1030 ~ 1080nm (R>99.5%) HT @ 940nm (T > 98%) S2: AR @ 940nm (R < 0.25%)

\*\* Upon request

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