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TECHSPEC® Diode Laser Line Mirrors


- >99.8% Reflectivity at Design Wavelengths
- Excellent Broadband Performance for Range of Wavelengths
- Designed for Common Diode Lasers

Common Specifications

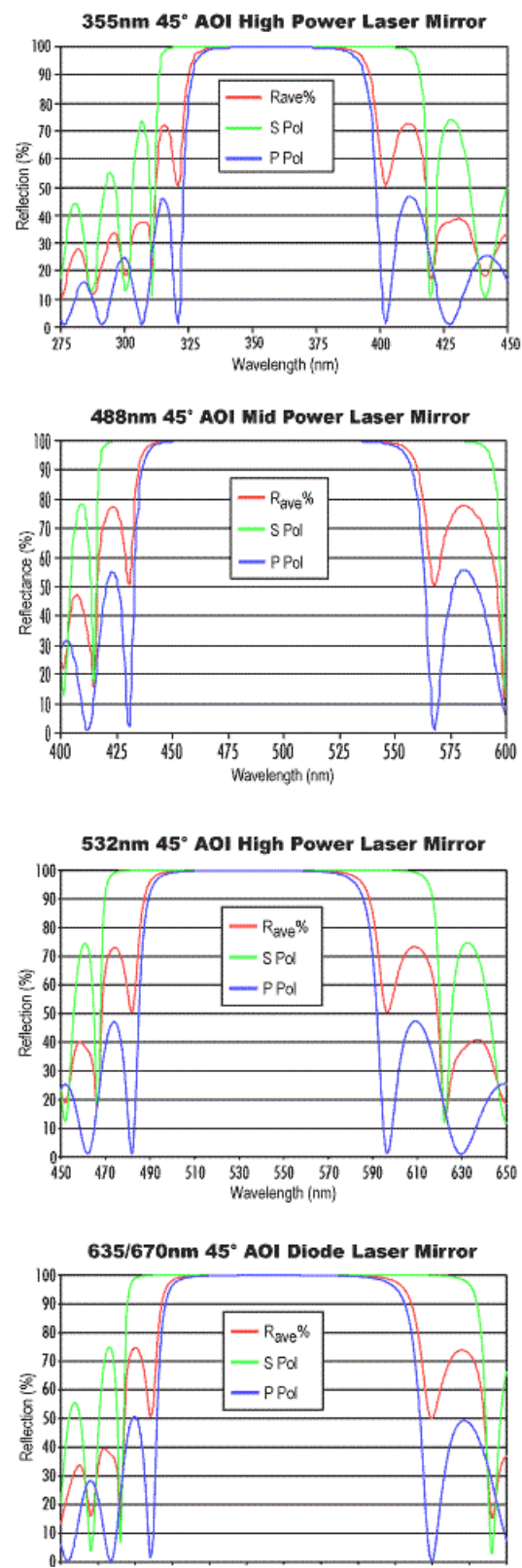
Physical & Mechanical Properties

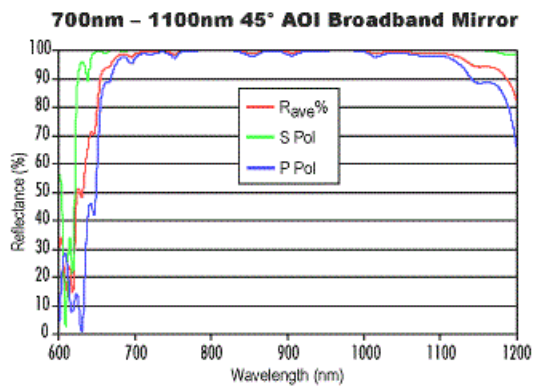
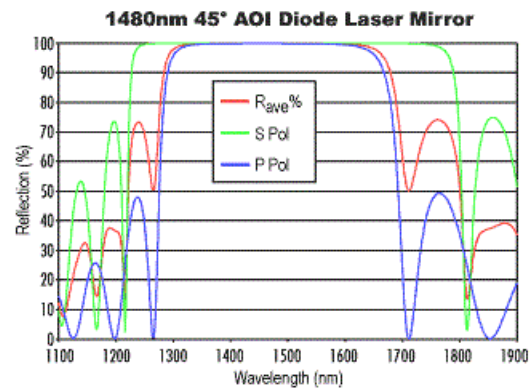
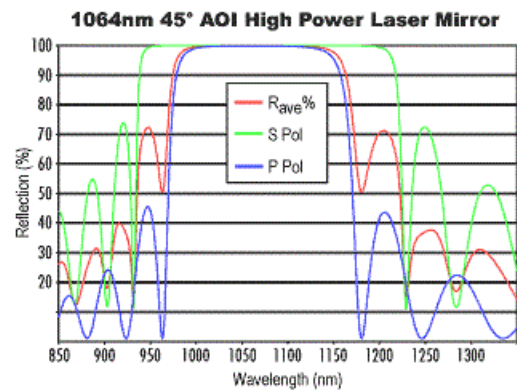
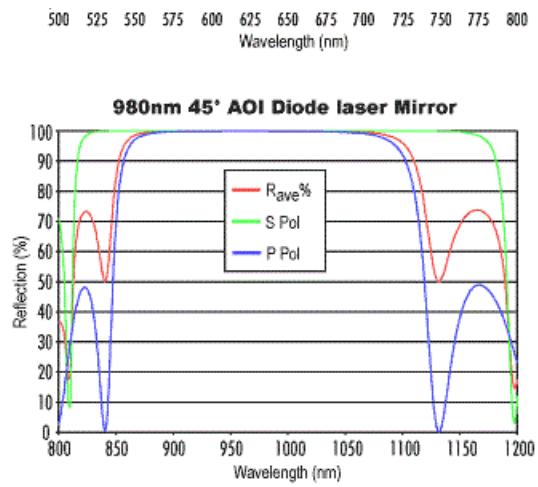
Parallelism (arcmin):	<3	Clear Aperture (%):	>90
Back Surface:	Ground		

Optical Properties

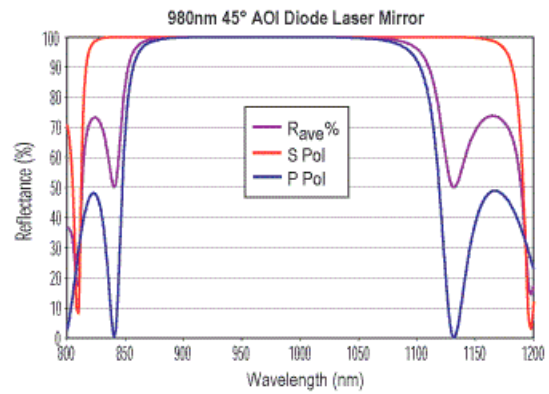
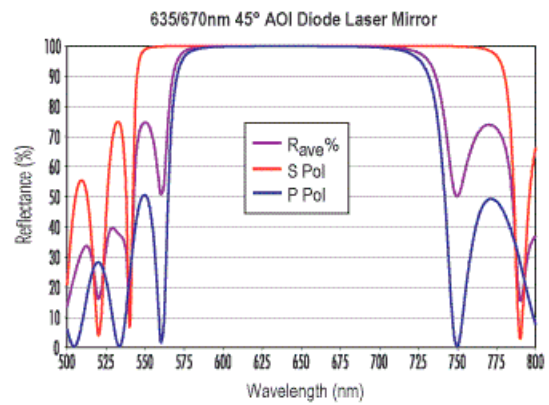
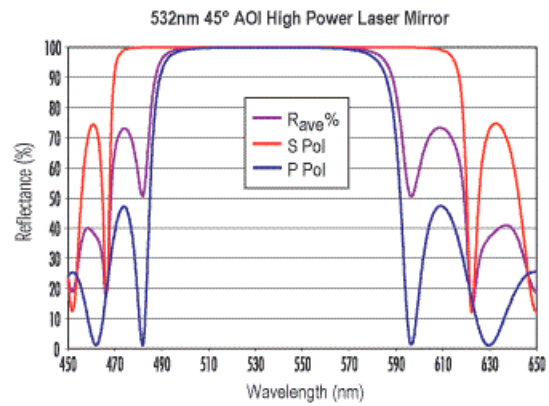
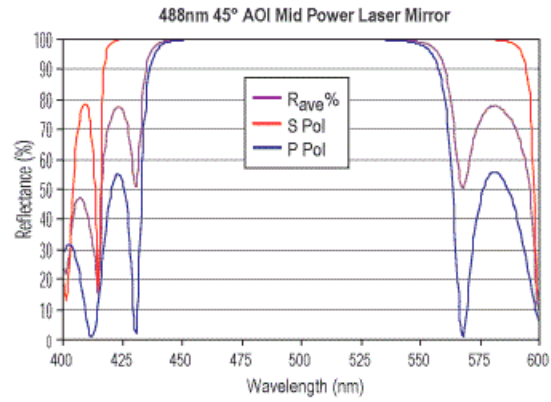
Surface Quality:	10-5		
Reflection at DWL (%):	99.8	Surface Flatness (P-V):	$\lambda/10$
Coating Type:	Dielectric	Angle of Incidence (°):	45
Substrate:	Fused Silica (Corning 7980)		

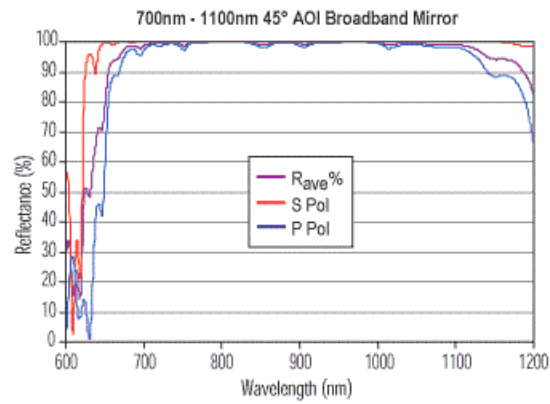
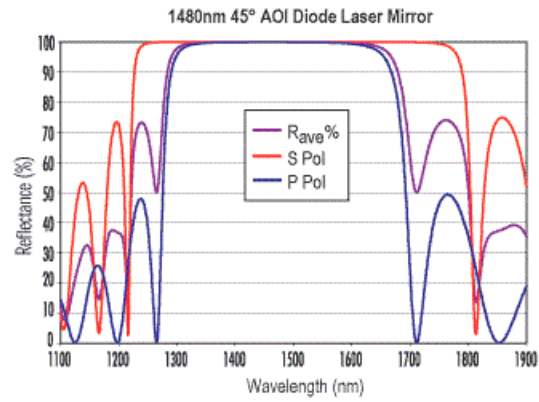
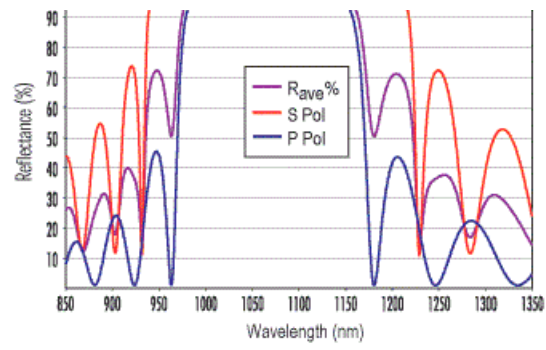
Technical Information





Typical Reflectivity Curves





Products

Wavelength Range (nm)	DWL (nm)	Dia. (mm)	Thickness (mm)	AOI (°)	Stock Number	Price	Buy
375 - 435	405	12.50	6.00	45	#63-138	S\$161.00 Volume Pricing	20+ In Stock
375 - 435	405	25.00	6.00	45	#63-139	S\$183.40 Volume Pricing	20+ In Stock
1440 - 1660	1550	12.50	6.00	45	#63-156	S\$183.40	20+ In Stock
1440 - 1660	1550	25.00	6.00	45	#63-157	S\$221.20	20+ In Stock
1440 - 1660	1550	50.00	10.00	45	#63-158	S\$320.60	13 In Stock



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