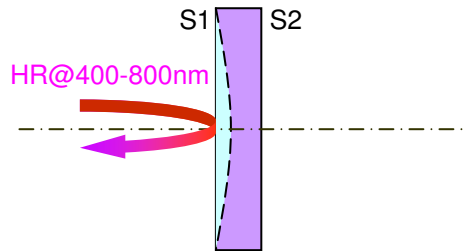
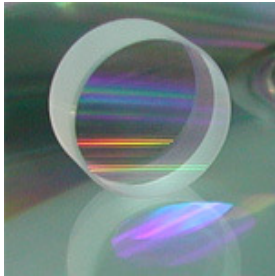


High Reflection Laser Cavity Mirror

@ 400-800nm (0° AOI)

PM-R(400-800)A Series



| ORDERING INFORMATION: | PM | - | R(400-800)A | - | 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: | ± 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 @ 400-800nm (R>99.5%) |

** Upon request

Contact Information:

PHOTONIK (SINGAPORE) PTE LTD

8 Boon Lay Way, TradeHub 21, #04-04, Singapore 609964
 Tel: +65-6316-6370, +65-6316-2142 Fax: +65-6316-1082
 Email: sales@photonik.com.sg Web: www.photonik.com.sg

Local Representative: