

C026: 405 nm Dielectric Coating

Key Features:

- Target laser types: 405 nm
- Target applications: High-end Sterolithography
- Wavelength range: 400-410 nm
- Reflectivity: $\geq 98\%$
- Angle of incidence: X: 30°-60°, Y: 22°-58.5°
- Polarization: Random

Maximum Rated Power Levels (estimated):

Clear Aperture	Open Air	Enclosed*
5 mm	25 W	13 W
7 mm	35 W	18 W
10 mm	50 W	25 W
14 mm	70 W	35 W
20 mm	100 W	50 W

*Includes scan heads and customer-designed enclosures that restrict air flow.

Substrate Types

Material	Slab	Structured
Silicon	✓	
Fused Silica	✓	
Beryllium	✓	

This mirror coating can be purchased on a variety of mirror types and sizes that are integrated with Cambridge Technology galvanometers and scan heads. For mirror sizes other than those listed, please contact Cambridge Technology.

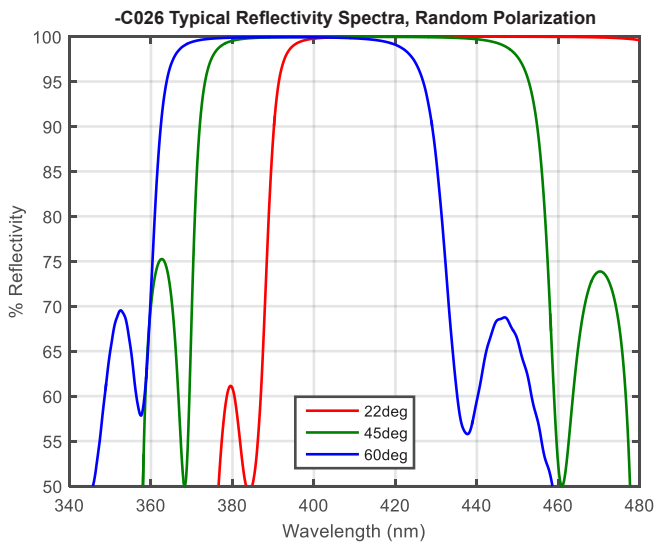


Figure 1: Typical reflectivity spectra, 340 to 480 nm.