

CMP (cold mirror plate)

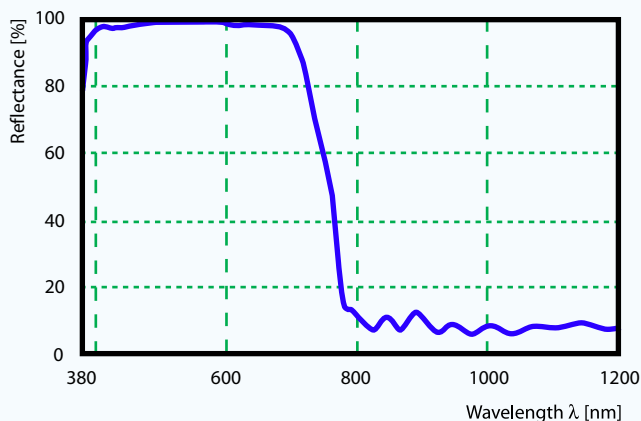
Cold Mirrors reflect visible energy (400nm to 650nm) and transmit the infrared energy (800nm to 1200nm). They are typically used in heat/light applications such as movie and slide projectors where high visible reflection and infrared transmission are critical. They allow flexibility in deciding where heat will be removed from a system. Our cold mirrors are vacuum deposited all-dielectric and will not degrade when exposed to heat, humidity and abrasion.

The reflectivity of our Cold Mirrors average greater than 95% for visible light, a considerable increase compared to aluminum mirrors. The high reflection combined with the ruggedness of all-dielectric construction makes it an excellent choice when system efficiency is a critical factor.

Please see the specifications below, allow our thin film coating group to make any necessary adjustments to meet your immediate needs.

Products Info:

Product #	Thickness	Material	Surface Quality
CMP070	.070" (1.75mm)	Borofloat	80/50
CMP130	.130" (3.30mm)	Borofloat	80/50



The average reflection is greater than 95% from 425 to 650nm, and the average reflection is less than 15% from 800 to 1200nm at 45° angle of incidence.

Though we list a variety of standard items, we are not limited to these tolerances and/or specifications. We manufacture optical components and custom coatings to customer specification. Please contact one of our sales engineers for further details.