

EMPOWERING

AGC

SOLAR EFFICIENCY

S O L A R

# Dichroic mirror / filter

AGC/OCJ is supplying "Dichroic Mirrors / Filters " for solar simulator

Dichroic mirrors / filters split Halogen or Xenon light source to two or more wavelength range and combine those split wavelength regions into one by dielectric multilayer.

AGC/OCJ can design and supply specific dichroic mirrors / filters for solar simulators.

## PRODUCT DESCRIPTION

Applications

Illumination and other optical systems



## Optical Coatings Japan

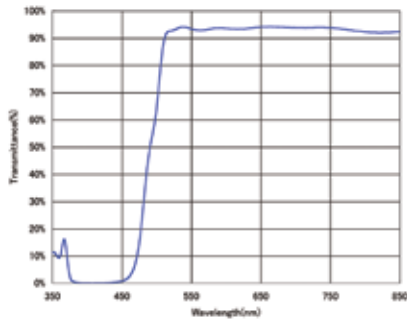
Shin-Marunouchi Bldg., 1-5-1 Marunouchi Chiyoda-ku, Tokyo 100-8405 Japan

[Contact] [info@ocj.co.jp](mailto:info@ocj.co.jp)

<http://www.ocj.co.jp/english/index.html>

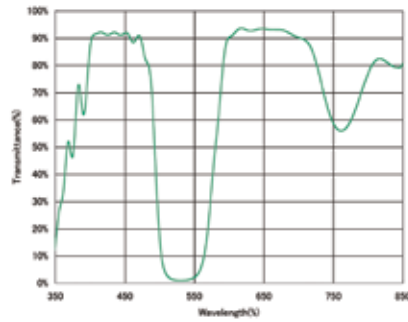
# Dichroic mirror / filter

Dichroic mirror Blue



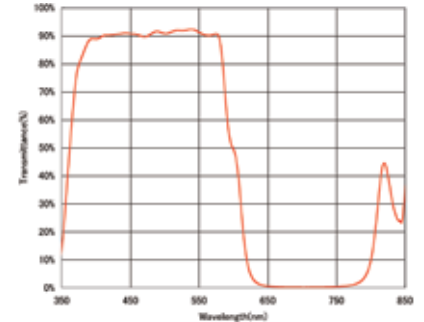
SPEC:  $\theta = 45^\circ$   
 R400~450nm $\geq$ 95%  
 T490 $\pm$ 10nm=50%  
 T535~700nm $\geq$ 85%

Dichroic mirror Green



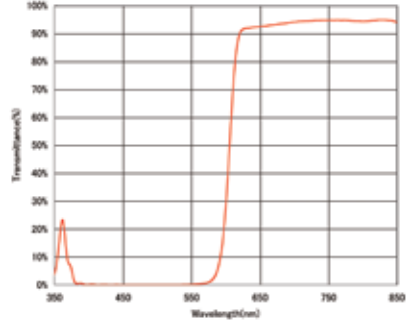
SPEC:  $\theta = 45^\circ$   
 T500,580 $\pm$ 10nm=50%  
 T420~470nm $\geq$ 80%  
 T620~700nm $\geq$ 80%

Dichroic mirror Red



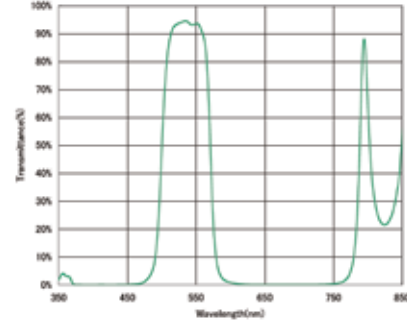
SPEC:  $\theta = 45^\circ$   
 T420~550nm $\geq$ 85%  
 T590 $\pm$ 10nm=50%  
 R640~700nm $\geq$ 95%

Dichroic filter Red



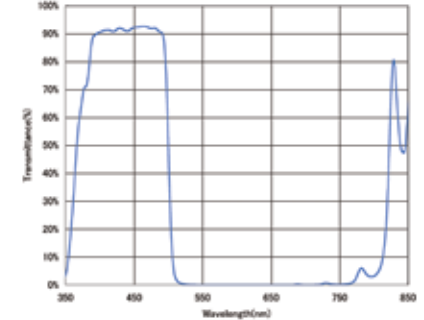
SPEC:  $\theta = 0^\circ$   
 T400~565nm $\leq$ 1%  
 T610 $\pm$ 10nm=50%  
 T640~700nm $\geq$ 85%

Dichroic filter Green



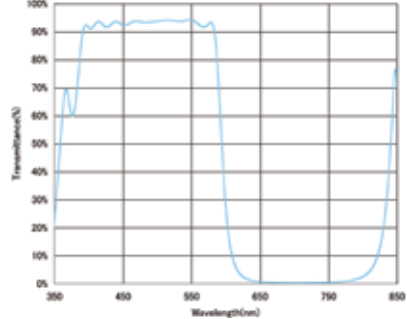
SPEC:  $\theta = 0^\circ$   
 T400~460nm $\leq$ 1%  
 T505,575 $\pm$ 10nm=50%  
 Tpeak $\geq$ 85%  
 T630~700nm $\leq$ 1%

Dichroic filter Blue



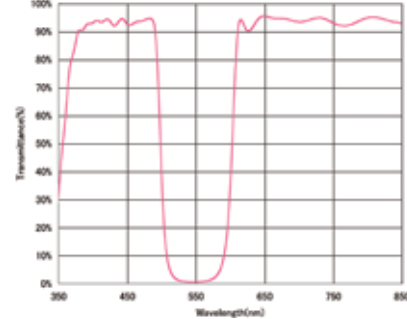
SPEC:  $\theta = 0^\circ$   
 T400~470nm $\geq$ 85%  
 T490 $\pm$ 10nm=50%  
 T530~700nm $\leq$ 1%

Dichroic filter Cyan



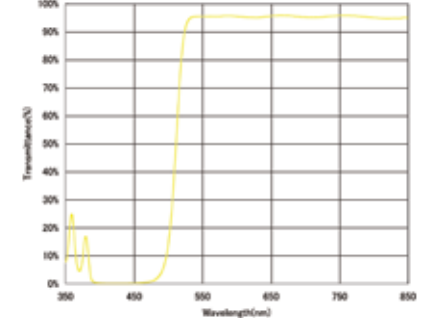
SPEC:  $\theta = 0^\circ$   
 T400~560nm $\geq$ 85%  
 T590 $\pm$ 10nm=50%  
 T640~700nm $\leq$ 1%

Dichroic filter Magenta



SPEC:  $\theta = 0^\circ$   
 T495,605 $\pm$ 10nm=50%  
 T420~470nm $\geq$ 80%  
 T640~700nm $\geq$ 80%

Dichroic filter Yellow



SPEC:  $\theta = 0^\circ$   
 T410~475nm $\leq$ 1%  
 T520 $\pm$ 10nm=50%  
 T550~700nm $\geq$ 85%