

DATA SHEET

Colour Separating Mirror - Green

Dichroic colour separating mirrors are dielectric interference mirrors that reflect certain regions of the visible spectrum and transmit others with a high degree of efficiency. Dichroic mirrors are designed for incidence angle of 45° and virtually absorption free, highly reflecting and with optimum colour saturation. Filters are mechanically and chemically resistant without fading and aging.

TECHNICAL DATA

Angles of Incidence: 45°

Substrate Material: Heat resistance Borosilicate Glass

Temperature Stability: up to 300 °C

SPECIFICATION

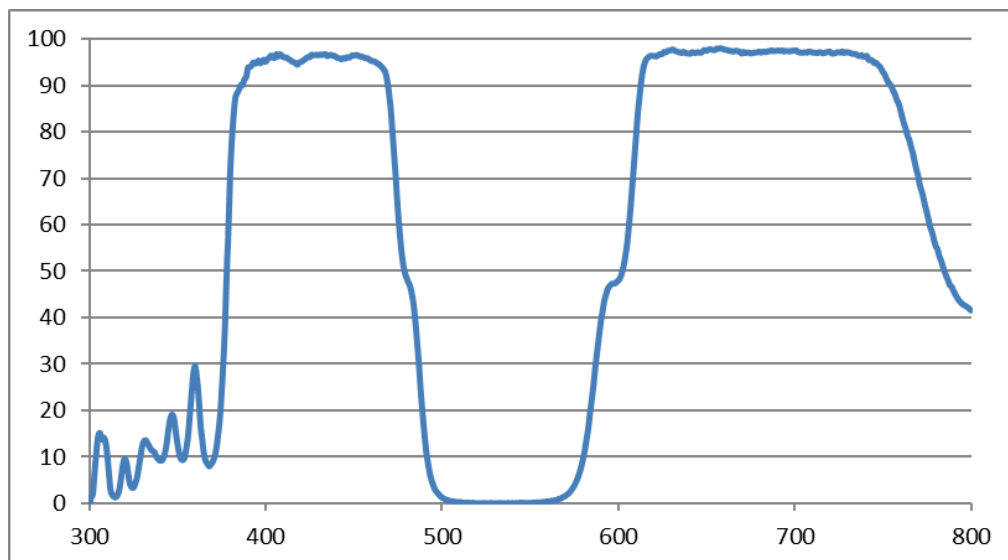
Tavg>95%[420~460nm]

Tavg<2%[500~580nm]

Tavg>95%[625~670nm]

BENEFITS

- Sharp spectral separation between reflection & transmission & with high reflection & transmission values
- Very high colour purity
- Ultimate colour saturation
- High brightness
- Accurate & reproducible colours
- High temperature resistance
- Filter characteristics independent of glass thickness
- Robust, easy to clean



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300	-1.465	410	96.204	520	0.07	630	97.717	740	96.301
310	11.292	420	95.142	530	0.089	640	96.968	750	93.001
320	9.589	430	96.616	540	0.11	650	97.562	760	84.785
330	12.317	440	96.188	550	0.146	660	97.836	770	70.621
340	9.247	450	96.548	560	0.429	670	96.971	780	55.493
350	12.909	460	95.358	570	1.625	680	97.415	790	45.935
360	29.578	470	88.304	580	9.584	690	97.595	800	41.617
370	8.948	480	48.553	590	38.942	700	97.56		
380	71.826	490	15.308	600	48.064	710	97.229		
390	93.945	500	1.311	610	78.83	720	97.374		
400	95.181	510	0.32	620	96.449	730	97.22		