

DATA SHEET

Colour Separating Mirror - Blue

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

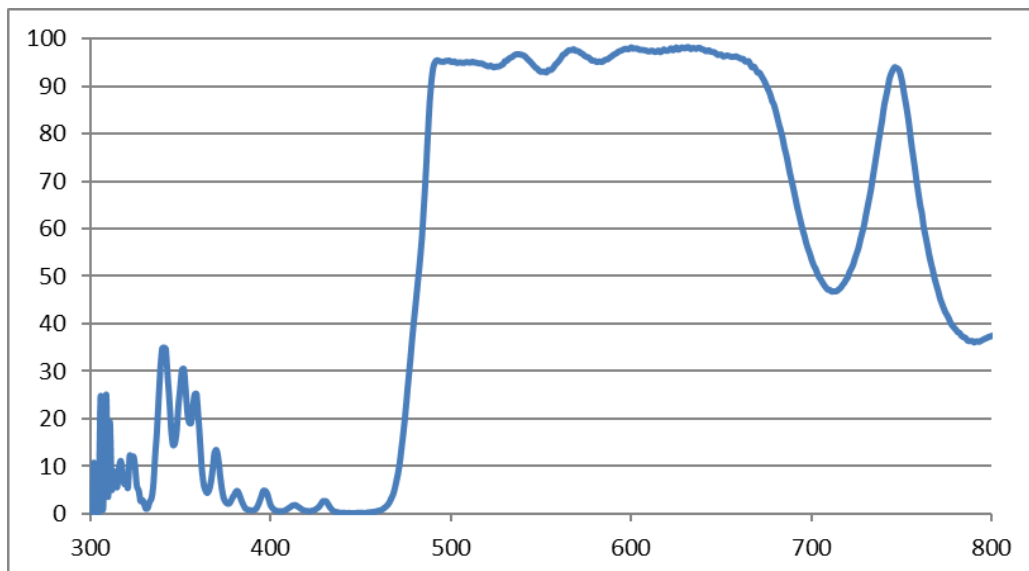
Angles of Incidence: 45°

Substrate Material: Heat resistance Borosilicate Glass

Temperature Stability: up to 300°C

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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WAVE nm	T%	WAVE nm	T%	WAVE nm	T%	WAVE nm	T%	WAVE nm	T%
300	-2.034	410	1.078	520	94.311	630	98.029	740	85.652
310	3.493	420	0.522	530	95.35	640	97.808	750	91.147
320	7.821	430	2.622	540	96.579	650	96.68	760	65.214
330	1.938	440	0.114	550	93.083	660	95.999	770	46.956
340	34.737	450	0.152	560	95.477	670	92.911	780	38.67
350	26.456	460	0.57	570	97.506	680	84.872	790	36.036
360	20.714	470	7.134	580	95.36	690	68.135	800	37.464
370	13.381	480	42.286	590	96.635	700	53.412		
380	3.934	490	93.504	610	97.371	710	47.132		
390	0.615	500	95.219	620	97.499	720	49.776		
400	1.817	510	95.043	520	94.311	730	62.786		