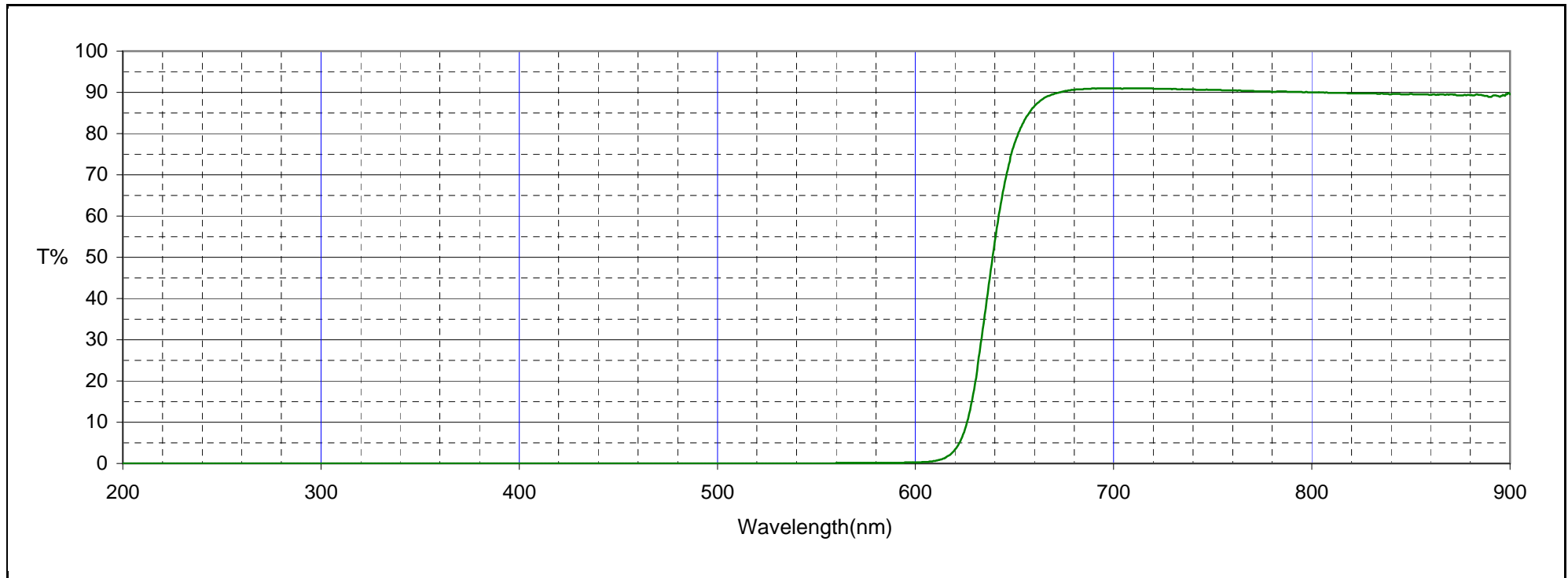


SPECTRUM DATA

OPTIMA HB640

DATE : May,29.1998

Wavelength(nm)	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340
Transmissivity(%)	0.023	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.019	0.022	0.022	0.025	0.025	0.026	0.027
Wavelength(nm)	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490
Transmissivity(%)	0.027	0.027	0.026	0.025	0.023	0.022	0.021	0.021	0.019	0.021	0.019	0.019	0.019	0.019	0.021
Wavelength(nm)	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640
Transmissivity(%)	0.018	0.019	0.019	0.021	0.026	0.037	0.063	0.096	0.126	0.158	0.240	0.655	3.379	19.602	53.919
Wavelength(nm)	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
Transmissivity(%)	77.580	86.733	89.640	90.630	90.945	90.954	90.963	90.891	90.810	90.693	90.603	90.486	90.315	90.153	90.126
Wavelength(nm)	800	810	820	830	840	850	860	870	880	890	900				
Transmissivity(%)	90.000	89.883	89.793	89.757	89.559	89.595	89.424	89.550	89.325	88.902	89.469				



Color Glass Filter (OPTIMA INC. JAPAN)

- 1) Model : OPTIMA HB640 (SCHOTT RG645 Equivalent)
- 2) Melt No.: 011215
- 3) Size : 50mm x 50mm x 2mm t
- 4) Test No.: 9805-007

Inspector : Technomart Inc. Eng. Div.

SEO, IL-SOO