

Lens Test Report

Measured by Agilent Technologies
Cary Series UV-Vis

Standard: BS EN ISO 12312-1:2013+A1:2015

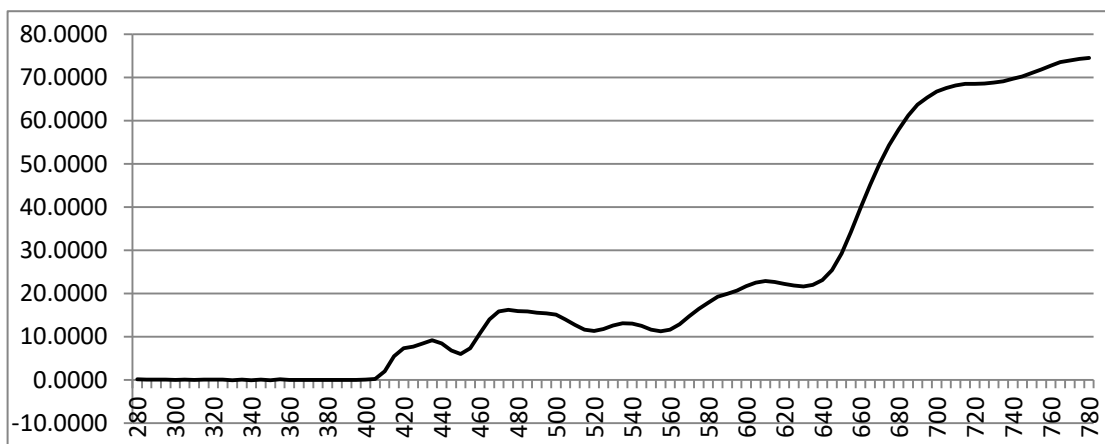
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Sample: J5893 Rose gold Nude
 Company: Zhejiang WinSquare Eyewear Co.,Ltd
 Add: No.1 Jiaolin Road,Chenzhuangcun,Panqiao Street,Ouhai,Wenzhou

ITEM	Value	Requirement	Result
Luminous Transmittance (Tv)	15.64%		
Filter Category	3		
Max T _{SUVB} (280nm~315nm)	0.12%		
Max T _{SUVA} (315nm~380nm)	0.09%		
Tmin (475nm~650nm)	11.27%	≥ 3.13% (0.2*Tv)	PASS
***** UV Transmittance *****			
T _{SUVA} (315nm~380nm)	0.01%		
T _{SUVB} (280nm~315nm)	0.01%		
T _{SUV} (280nm~380nm)	0.00%		
Tsb (380nm~500nm)	9.85%		
***** Recognition of Signal Lights *****			
Red [Q] Factor	1.59	≥ 0.8	PASS
Yellow [Q] Factor	1.18	≥ 0.6	PASS
Green [Q] Factor	0.86	≥ 0.6	PASS
Blue [Q] Factor	0.94	≥ 0.6	PASS
***** Recognition of LED Lights *****			
Red [Q] Factor	1.47	≥ 0.8	PASS
Yellow [Q] Factor	1.23	≥ 0.6	PASS
Green [Q] Factor	0.87	≥ 0.6	PASS
Blue [Q] Factor	0.84	≥ 0.6	PASS

Spectrum Data:

WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%
780	74.533	770	73.927	760	72.714	750	71.022	740	69.682
730	68.790	720	68.542	710	68.147	700	66.708	690	63.686
680	57.928	670	49.917	660	39.783	650	29.234	640	23.068
630	21.648	620	22.184	610	22.902	600	21.693	590	19.930
580	17.829	570	14.703	560	11.634	550	11.645	540	12.998
530	12.576	520	11.322	510	12.687	500	15.062	490	15.528
480	15.928	470	15.834	460	10.719	450	5.972	440	8.449
430	8.446	420	7.334	410	2.004	400	0.023	390	0.011
380	0.000	370	-0.024	360	0.002	350	-0.074	340	-0.072
330	-0.086	320	0.020	310	-0.019	300	-0.029	290	0.017
280	0.123								



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ITEM	Value	Requirement	Result
Luminous Transmittance (Tv)	15.71%		
Filter Category	3		
***** Transmittance *****			
T _{SUVA} (315nm~380nm)	0.00%	< 7.86% (0.5*Tv)	PASS
T _{SUVB} (280nm~315nm)	0.03%	< 1%	PASS
T _{min} (475nm~650nm)	11.27%	≥ 3.14% (0.2*Tv)	PASS
T _{sb} (380nm~500nm)	9.85%		
***** Color Limits *****			
Yellow	X: 0.59	Y: 0.41	PASS
Green	X: 0.23	Y: 0.42	PASS
DAY Light	X: 0.39	Y: 0.36	PASS
***** Traffic Signal Transmittance *****			
Red	27.80%	≥ 8%	PASS
Yellow	20.89%	≥ 6%	PASS
Green	13.40%	≥ 6%	PASS

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