

Lens Test Report

Measured by Agilent Technologies
Cary Series UV-Vis

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

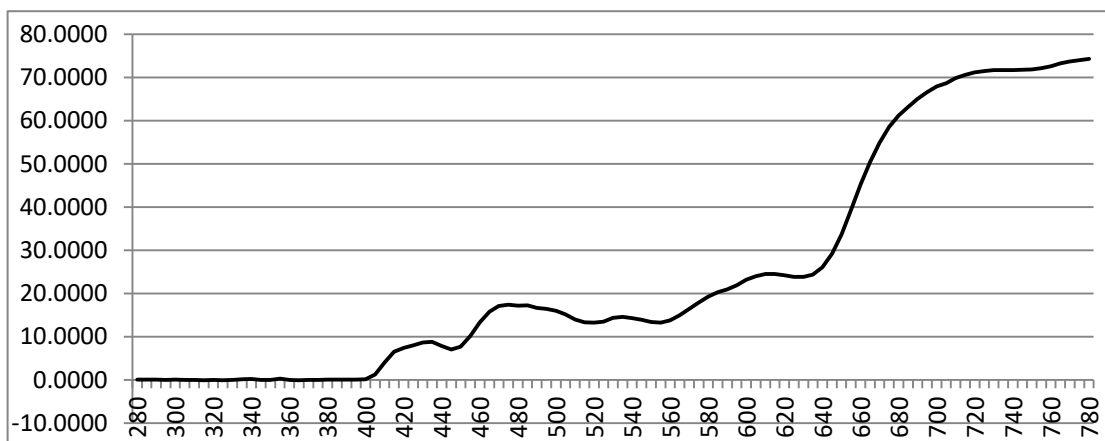
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Sample: J5886 Rose gold Nude
Company: Zhejiang WinSquare Eyewear Co.,Ltd
Add: No.1 Jiaolin Road,Chenzhuangcun,Panqiao Street,Ouhai,Wenzhou

ITEM	Value	Requirement	Result
Luminous Transmittance (Tv)	17.29%		
Filter Category	3		
Max T _{SUVB} (280nm~315nm)	0.06%		
Max T _{SUVA} (315nm~380nm)	0.31%		
Tmin (475nm~650nm)	13.25%	≥ 3.46% (0.2*Tv)	PASS
***** UV Transmittance *****			
T _{SUVA} (315nm~380nm)	0.01%		
T _{SUVB} (280nm~315nm)	-0.05%		
T _{SUV} (280nm~380nm)	-0.01%		
Tsb (380nm~500nm)	10.86%		
***** Recognition of Signal Lights *****			
Red [Q] Factor	1.57	≥ 0.8	PASS
Yellow [Q] Factor	1.18	≥ 0.6	PASS
Green [Q] Factor	0.87	≥ 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	1.18	≥ 0.6	PASS
Green [Q] Factor	0.86	≥ 0.6	PASS
Blue [Q] Factor	0.85	≥ 0.6	PASS

Spectrum Data:

WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%
780	74.299	770	73.710	760	72.574	750	71.835	740	71.725
730	71.737	720	71.182	710	69.817	700	67.885	690	65.039
680	61.165	670	54.771	660	45.158	650	33.655	640	26.082
630	23.826	620	24.179	610	24.493	600	23.151	590	20.968
580	19.253	570	16.401	560	13.763	550	13.402	540	14.286
530	14.344	520	13.256	510	14.001	500	15.982	490	16.667
480	17.168	470	17.085	460	13.295	450	7.672	440	7.847
430	8.664	420	7.416	410	4.051	400	0.143	390	0.024
380	0.016	370	-0.029	360	-0.038	350	0.008	340	0.163
330	0.004	320	-0.027	310	-0.052	300	0.022	290	0.026
280	0.062								



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ITEM	Value	Requirement	Result
Luminous Transmittance (Tv)	17.38%		
Filter Category	3		
***** Transmittance *****			
T _{SUVA} (315nm~380nm)	0.02%	< 8.69% (0.5*Tv)	PASS
T _{SUVB} (280nm~315nm)	0.00%	< 1%	PASS
T _{min} (475nm~650nm)	13.25%	≥ 3.48% (0.2*Tv)	PASS
T _{sb} (380nm~500nm)	10.86%		
***** Color Limits *****			
Yellow	X: 0.59	Y: 0.41	PASS
Green	X: 0.23	Y: 0.42	PASS
DAY Light	X: 0.38	Y: 0.36	PASS
***** Traffic Signal Transmittance *****			
Red	30.77%	≥ 8%	PASS
Yellow	22.84%	≥ 6%	PASS
Green	14.99%	≥ 6%	PASS

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