

WENZHOU YIDA EYEWEAR CO., LTD

Room A-511, NO.209 Wenchang road, Longwan district, Wenzhou city, Zhejiang province, China

Sunglasses Certification Report

Customer Ref Code : S09
 Lens Type :
 Lens Ref Code :

Sample Remark :

Standard: ANSI Z80.3:2018

Item	Value	Requirement	Result
Lens Primary Function	General Purpose		
Luminous Transmittance Tv	9.25 %	8% ~ 40%	PASS
Color Limit, Yellow(x,y)	(0.5900 , 0.4088)		
Color Limit, Green(x,y)	(0.1862 , 0.3986)		
Color Limit, D65(x,y)	(0.2978 , 0.3304)		
Tsig, Red Signal	11.129 %		
Tsig, Yellow Signal	8.462 %		
Tsig, Green Signal	9.684 %		
Tmin (475- 650nm)	7.30 %	>=1.85%(0.2Tv)	PASS
Tmax UVB (280- 315nm)	0.01 %	<=1.16%(0.125Tv)	PASS
Tmax UVA (315- 380nm)	0.00 %	<=9.25%(Tv)	PASS
Tsb (380- 500nm)	8.95 %		

Standard: EN ISO 12312-1:2013(A1:2015)

Item	Value	Requirement	Result
Filter Category	3		
Luminous Transmittance Tv	9.25 %	8% ~ 18%	PASS
Incandescent Lights			
Q, Red	1.05	>=0.80	PASS
Q, Yellow	0.94	>=0.60	PASS
Q, Green	1.03	>=0.60	PASS
Q, Blue	1.25	>=0.60	PASS
LED Signal Lights			
Q, Red	1.03	>=0.80	PASS
Q, Yellow	0.84	>=0.60	PASS
Q, Green	1.26	>=0.60	PASS
Q, Blue	1.24	>=0.60	PASS
Tmin (475- 650nm)	7.30 %	>=1.85%(0.2Tv)	PASS
Tsuva (315- 380nm)	0.01 %	<=4.63%(0.5Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=1.00%	PASS
Tsuv (280- 380nm)	0.00 %		
Tsb (380- 500nm)	8.95 %		
Road Use And Driving			PASS
Driving In Twilight or Night	9.25	Tv >= 75%	

Standard:AS/NZS 1067.1:2016

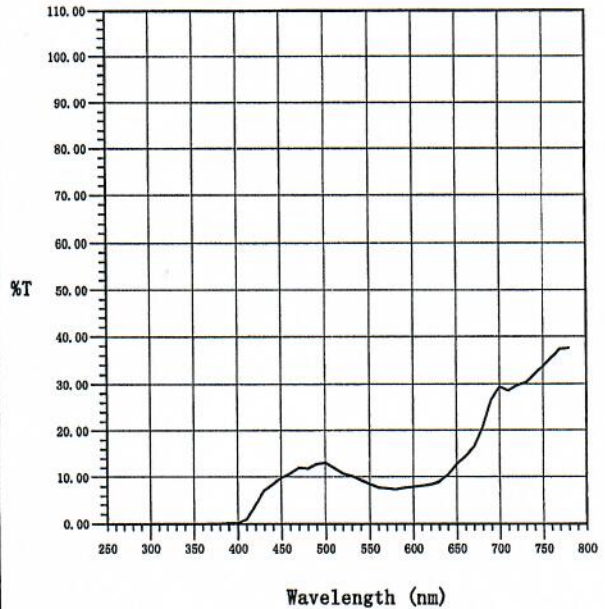
Item	Value	Requirement	Result
Lens Category	3		
Luminous Transmittance Tv	9.25 %	8% ~ 18%	PASS
Incandescent Lights			
Q, Red	1.05	>=0.80	PASS
Q, Yellow	0.94	>=0.60	PASS
Q, Green	1.03	>=0.60	PASS
Q, Blue	1.25	>=0.70	PASS
LED Signal Lights			
Q, Red	1.03	>=0.80	PASS
Q, Yellow	0.84	>=0.60	PASS
Q, Green	1.26	>=0.60	PASS
Q, Blue	1.24	>=0.70	PASS
Tmin (475-650nm)	7.30 %	>=1.85%(0.2Tv)	PASS
Tsuva (315- 400nm)	0.02 %	<=4.63%(0.5Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=0.46%(0.05Tv)	PASS
Tsuv (280- 380nm)	0.00 %		
Tsb (380- 500nm)	8.95 %		

CIE 1976 L*,a*,b* color space coordinates, Illuminant D65
 L*=36.813 a*=-6.150 b*=0.266

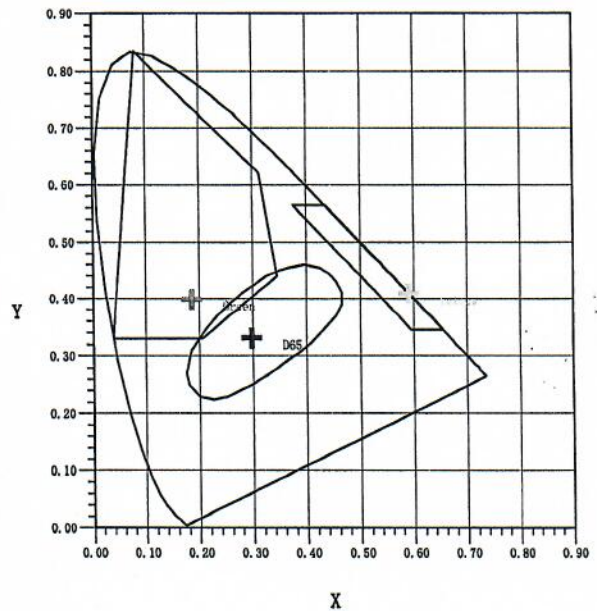
Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T		
280	0.00	290	0.00	300	0.00	310	0.00	320	0.00	330	0.00	340	0.00	350	0.00	360	0.00	370	0.04	380	0.09	390	0.17	400	0.21
410	1.00	420	4.07	430	7.15	440	8.51	450	9.80	460	10.84	470	12.00	480	11.89	490	12.78	500	13.04	510	12.02	520	10.83	530	10.25
540	9.34	550	8.53	560	7.87	570	7.63	580	7.46	590	7.77	600	7.95	610	8.15	620	8.40	630	9.01	640	10.50	650	12.72	660	14.43
670	16.46	680	20.73	690	26.68	700	29.41	710	28.62	720	29.74	730	30.35	740	32.10	750	33.76	760	35.63	770	37.29	780	37.49		

Transmittance Spectrum



Color Limit Regions of Acceptance



(1). ANSI Z80.3:2018	PASS	Lens Primary Function	General Purpose
(2). EN ISO 12312-1:2013(A1:2015)	PASS	Filter Category	3
(3). AS/NZS 1067.1:2016	PASS	Lens Category	3