

Certification Report

Customer Ref Code	: F55	Sample Remark	:
Lens Type	: UC		
Lens Ref Code	:		

Standard: ANSI Z80.3:2018			
Item	Value	Requirement	Result
Lens Primary Function	Cosmetic Lens		
Luminous Transmittance Tv	47.62 %	> 40%	PASS
Color Limit, Yellow(x,y)	(0.5000 , 0.4978)		PASS
Color Limit, Green(x,y)	(0.1810 , 0.4437)		PASS
Color Limit, D65(x,y)	(0.2413 , 0.3732)		PASS
Tsig, Red Signal	9.96 %	>=8.00%	PASS
Tsig, Yellow Signal	32.99 %	>=6.00%	PASS
Tsig, Green Signal	58.68 %	>=6.00%	PASS
Tmin (475- 650nm)	7.74 %	>=9.52%(0.2Tv)	FAILED
Tmax UVB (280- 315nm)	0.00 %	<=5.95%(0.125Tv)	PASS
Tmax UVA (315- 380nm)	0.01 %	<=47.62%(Tv)	PASS
Tsb (380- 500nm)	41.08 %		

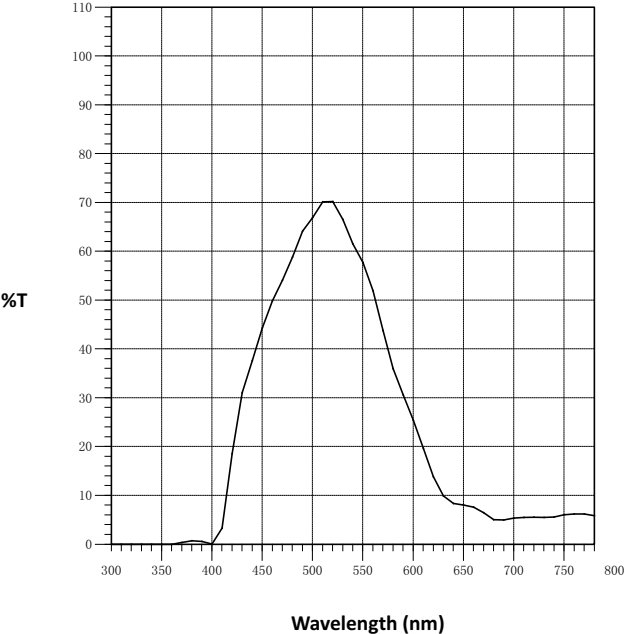
Standard: EN ISO 12312-1:2013(A1:2015)			
Item	Value	Requirement	Result
Filter Category	1		
Luminous Transmittance Tv	47.62 %	43% ~ 80%	PASS
Incandescent Lights			
Q, Red	0.34	>=0.80	FAILED
Q, Yellow	0.75	>=0.60	PASS
Q, Green	1.21	>=0.60	PASS
Q, Blue	1.24	>=0.60	PASS
Tmin (475- 650nm)	7.74 %	>=9.52%(0.2Tv)	FAILED
Tsuva (315- 380nm)	0.06 %	<=47.62%(Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=2.38%(0.05Tv)	PASS
Tsuv (280- 400nm)	0.04 %		
Tsb (380- 500nm)	41.08 %		
Road Use And Driving			FAILED
Driving In Twilight or Night	47.62	Tv >= 75% NOT SUITABLE	

Standard:AS/NZS 1067.1:2016			
Item	Value	Requirement	Result
Lens Category	1		
Luminous Transmittance Tv	47.62 %	43% ~ 80%	PASS
Incandescent Lights			
Q, Red	0.34	>=0.80	FAILED
Q, Yellow	0.75	>=0.60	PASS
Q, Green	1.21	>=0.60	PASS
Q, Blue	1.24	>=0.70	PASS
Tmin (475-650nm)	7.74 %	>=9.52%(0.2Tv)	FAILED
Tsuva (315- 400nm)	0.10 %	<=47.62%(Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=2.38%(0.05Tv)	PASS
Tsuv (280- 380nm)	0.04 %		
Tsb (380- 500nm)	41.08 %		

CIE 1976 L*,a*,b* color space coordinates,illuminan D65
L*=75.249 a*=-44.823 b*=6.127

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	0.38	380	0.73	390	0.59
410	3.31	420	18.54	430	31.05	440	37.59	450	44.31	460	49.85	470	54.09	480	58.83	490	64.14	500	66.91	510	70.13	520	70.20
540	61.53	550	57.72	560	51.94	570	43.77	580	35.97	590	30.62	600	25.46	610	19.69	620	13.86	630	9.91	640	8.37	650	8.05
670	6.47	680	5.05	690	4.99	700	5.38	710	5.51	720	5.55	730	5.51	740	5.59	750	6.06	760	6.21	770	6.21	780	5.87

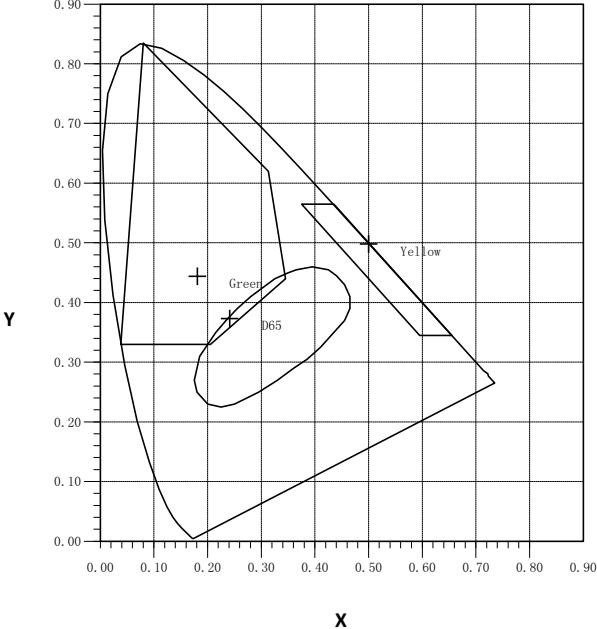
Transmittance Spectrum



%T

Wavelength (nm)

Color Limit Regions of Acceptance



Y

X

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