

Certification Report

Customer Ref Code	: L021-H9MX	Sample Remark	:
Lens Type	: 240818		
Lens Ref Code	:		

Standard: ANSI Z80.3:2018

Item	Value	Requirement	Result
Lens Primary Function	Cosmetic Lens		
Luminous Transmittance Tv	53.43 %	> 40%	PASS
Color Limit, Yellow(x,y)	(0.6015 , 0.3977)		PASS
Color Limit, Green(x,y)	(0.4206 , 0.5499)		FAILED
Color Limit, D65(x,y)	(0.5489 , 0.4372)		FAILED
Tsig, Red Signal	100.20 %	>=8.00%	PASS
Tsig, Yellow Signal	84.26 %	>=6.00%	PASS
Tsig, Green Signal	31.88 %	>=6.00%	PASS
Tmin (475- 650nm)	0.25 %	>=10.69%(0.2Tv)	FAILED
Tmax UVB (280- 315nm)	0.00 %	<=6.68%(0.125Tv)	PASS
Tmax UVA (315- 380nm)	0.01 %	<=53.43%(Tv)	PASS
Tsb (380- 500nm)	1.30 %		

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

Item	Value	Requirement	Result
Filter Category	1		
Luminous Transmittance Tv	53.43 %	43% ~ 80%	PASS
Incandescent Lights			
Q, Red	1.86	>=0.80	PASS
Q, Yellow	1.46	>=0.60	PASS
Q, Green	0.70	>=0.60	PASS
Q, Blue	0.26	>=0.60	FAILED
Tmin (475- 650nm)	0.25 %	>=10.69%(0.2Tv)	FAILED
Tsuva (315- 380nm)	0.06 %	<=53.43%(Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=2.67%(0.05Tv)	PASS
Tsuv (280- 400nm)	0.04 %		
Tsb (380- 500nm)	1.30 %		
Road Use And Driving			FAILED
Driving In Twilight or Night	53.43	Tv >= 75% NOT SUITABLE	

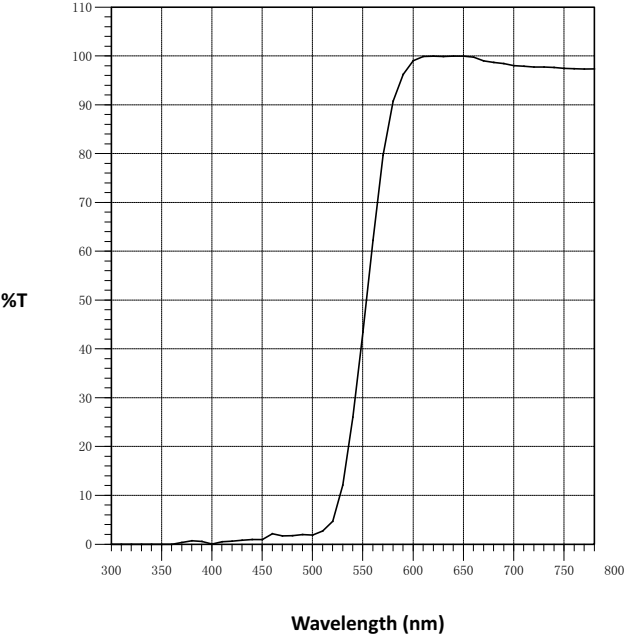
Standard:AS/NZS 1067.1:2016

Item	Value	Requirement	Result
Lens Category	1		
Luminous Transmittance Tv	53.43 %	43% ~ 80%	PASS
Incandescent Lights			
Q, Red	1.86	>=0.80	PASS
Q, Yellow	1.46	>=0.60	PASS
Q, Green	0.70	>=0.60	PASS
Q, Blue	0.26	>=0.70	FAILED
Tmin (475-650nm)	0.25 %	>=10.69%(0.2Tv)	FAILED
Tsuva (315- 400nm)	0.10 %	<=53.43%(Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=2.67%(0.05Tv)	PASS
Tsuv (280- 380nm)	0.04 %		
Tsb (380- 500nm)	1.30 %		

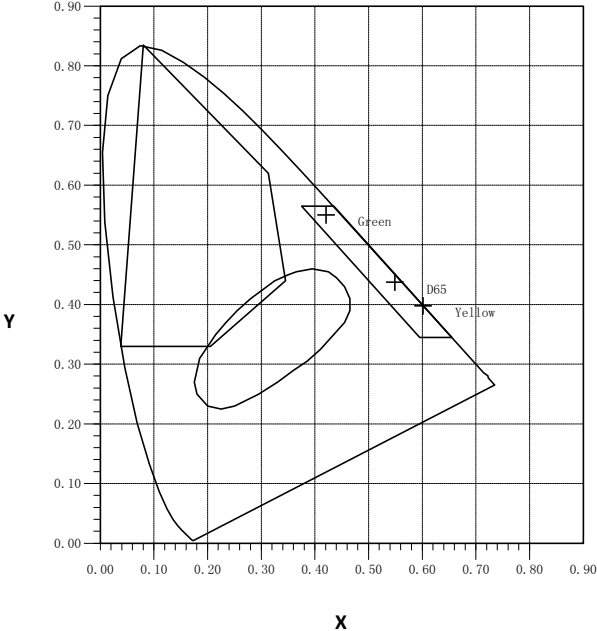
CIE 1976 L*,a*,b* color space coordinates,illuminan D65

L*=75.303 a*=44.310 b*=100.000

Transmittance Spectrum



Color Limit Regions of Acceptance



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	0.53	420	0.65	430	0.84	440	0.99	450	0.97	460	2.17	470	1.73	480	1.77	490	2.00	500	1.90	510	2.73	520	4.72
540	26.05	550	43.47	560	62.26	570	79.68	580	90.76	590	96.24	600	99.05	610	99.91	620	99.97	630	99.91	640	99.98	650	99.98
670	99.01	680	98.69	690	98.46	700	98.03	710	97.91	720	97.75	730	97.75	740	97.66	750	97.47	760	97.40	770	97.34	780	97.37

(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